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**CDA Implementation Guide**

# PCEHR Medicare Overview
# Version 1.1

27 September 2013

Approved for external use

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# Document Information

## Document owner

| Document Owner |
| --- |
| The National Clinical Terminology and Information Service |

## Related documents

| Name | Version/Release Date |
| --- | --- |
| *Information Requirements - Medicare Overview* | Version 1.0, Issued 05 July 2012 |
| *Medicare Overview CDA Rendering Specification* | Version 1.0 |
| *Participation Data Specification* | Version 3.2, Issued 20 July 2011 |
| *Medicare Overview Structured Content Specification* | Version 1.1 |

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# Table of Contents

**1. Introduction** ..... 1
1.1. Document Purpose and Scope ..... 1
1.2. Medicare Overview Definition ..... 1
1.3. HL7 Clinical Document Architecture ..... 1
1.4. Intended Audience ..... 2
1.5. Document Map ..... 2
1.6. Acronyms ..... 3
1.7. Keywords ..... 3
1.8. Conformance ..... 4
1.9. Known Issues ..... 5
**2. Guide for Use** ..... 7
2.1. Clinical Document Architecture Release 2 ..... 7
2.2. Mapping Interpretation ..... 9
2.3. CDA Extensions ..... 18
2.4. W3C XML Schema ..... 19
2.5. Schematron ..... 20
2.6. Implementation Strategies ..... 21
**3. Medicare Overview Data Hierarchy** ..... 23
**4. Administrative Observations** ..... 27
**5. CDA Header** ..... 31
5.1. ClinicalDocument ..... 31
5.1.1. Custodian ..... 36
**6. Context Data Specification - CDA Mapping** ..... 41
6.1. Medicare Overview ..... 41
6.1.1. DOCUMENT AUTHOR ..... 48
6.1.2. SUBJECT OF CARE ..... 53
**7. Content Data Specification - CDA Mapping** ..... 71
7.1. Medicare Overview ..... 71
7.1.1. Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) ..... 75
7.1.2. MEDICARE/DVA FUNDED SERVICES HISTORY ..... 80
7.1.2.1. EXCLUSION STATEMENT ..... 84
7.1.2.2. MEDICARE/DVA FUNDED SERVICES ..... 89
7.1.2.2.1. MEDICARE/DVA FUNDED SERVICE ..... 93
7.1.2.2.1.1. SERVICE REQUESTER ..... 99
7.1.2.2.1.2. SERVICE PROVIDER ..... 105
7.1.2.2.1.3. Medicare/DVA Funded Service Document Link (LINK) ..... 112
7.1.3. PHARMACEUTICAL BENEFITS HISTORY ..... 119
7.1.3.1. EXCLUSION STATEMENT ..... 123
7.1.3.2. PHARMACEUTICAL BENEFIT ITEMS ..... 128
7.1.3.2.1. PHARMACEUTICAL BENEFIT ITEM ..... 132
7.1.3.2.1.1. Pharmaceutical Benefit Item Document Link (LINK) ..... 139
7.1.4. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY ..... 146
7.1.4.1. EXCLUSION STATEMENT ..... 150
7.1.4.2. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES ..... 155
7.1.4.2.1. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY ..... 159
7.1.4.2.1.1. VACCINE ADMINISTRATION ENTRY ..... 161
7.1.4.2.1.1.1. Vaccine Administration (MEDICATION ACTION) ..... 163
7.1.4.2.1.2. VACCINE CANCELLATION ENTRY ..... 169
7.1.4.2.1.2.1. Vaccine Cancellation (MEDICATION ACTION) ..... 171
7.1.4.2.1.2.2. VACCINE CANCELLATION REASON ..... 177
7.1.4.2.2. Australian Childhood Immunisation Register Entries Document Link (LINK) ..... 183
7.1.5. AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION ..... 190
7.1.5.1. EXCLUSION STATEMENT ..... 194
7.1.5.2. AUSTRALIAN ORGAN DONOR REGISTER DETAILS ..... 199
7.1.5.2.1. AUSTRALIAN ORGAN DONOR REGISTER ENTRY ..... 203
7.1.5.2.2. Australian Organ Donor Register Details Document Link (LINK) ..... 215
**8. Common Patterns** ..... 223
8.1. code ..... 223

8.2. id ..... 225
8.3. time ..... 227
8.4. Entity Identifier ..... 229
8.5. Person Name ..... 231
8.6. Address ..... 233
8.7. Electronic Communication Detail ..... 237
8.8. Employment ..... 239
8.9. PCEHR URN Scheme ..... 242
**9**. **Australian CDA Extensions** ..... 245
9.1. ClinicalDocument.completionCode ..... 245
9.2. EntityIdentifier ..... 246
9.3. Entitlement ..... 248
9.4. Multiple Birth ..... 249
9.5. Administrative Gender Code ..... 250
9.6. Birth Time ..... 251
9.7. Deceased Time ..... 252
9.8. Employment ..... 253
9.9. Qualifications ..... 254
9.10. Participant Entity Organization ..... 255
9.11. Ingredient ..... 256
**10**. **Vocabularies and Code Sets** ..... 257
10.1. HL7 v3: TelecommunicationAddressUse ..... 257
10.2. AS 5017-2006 Health Care Client Identifier Sex ..... 258
10.3. AS 5017-2006: Health Care Client Name Usage ..... 259
10.4. AS 4846-2006: Health Care Provider Organisation Name Usage ..... 260
10.5. AS 5017-2006: Health Care Client Source of Death Notification ..... 261
10.6. AS 5017-2006: Health Care Client Identifier Address Purpose ..... 262
10.7. AS 5017-2006: Health Care Client Identifier Geographic Area ..... 263
10.8. AS 5017-2006: Health Care Client Electronic Communication Medium ..... 264
10.9. AS 5017-2006: Health Care Client Electronic Communication Usage Code ..... 266
10.10. AS 5017-2006 Australian State/Territory Identifier - Postal ..... 267
10.11. AS 5017-2006 Health Care Client Identifier Date Accuracy Indicator ..... 268
10.12. NCTIS: Admin Codes - Document Status ..... 270
10.13. NCTIS: Admin Codes - Entitlement Type ..... 271
10.14. HL7 v3 CDA: Act.moodCode ..... 272
10.15. HL7 v3 CDA: RelatedDocument.typeCode ..... 273
10.16. METeOR 291036: Indigenous Status ..... 274
10.17. NCTIS: Admin Codes - Result Status ..... 275
10.18. OIDs ..... 276
**A**. **CDA Narratives** ..... 277
**B**. **Log of Changes** ..... 279
Reference List ..... 315

# List of Examples

2.1. Mapping Interpretation ..... 15
4.1. Administrative Observations XML Fragment ..... 30
5.1. ClinicalDocument Body XML Fragment ..... 35
5.2. Custodian Body XML Fragment ..... 39
6.1. Medicare Overview Context XML Fragment ..... 46
6.2. Document Author XML Fragment ..... 52
6.3. Subject of Care XML Fragment ..... 67
7.1. Medicare Overview Body XML Fragment ..... 74
7.2. Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) XML Fragment ..... 79
7.3. MEDICARE/DVA FUNDED SERVICES HISTORY XML Fragment ..... 83
7.4. EXCLUSION STATEMENT XML Fragment ..... 88
7.5. MEDICARE/DVA FUNDED SERVICES XML Fragment ..... 92
7.6. MEDICARE/DVA FUNDED SERVICE XML Fragment ..... 97
7.7. SERVICE REQUESTER XML Fragment ..... 103
7.8. SERVICE PROVIDER - XML Fragment ..... 109
7.9. Medicare/DVA Funded Service Document Link (LINK) XML Fragment ..... 117
7.10. PHARMACEUTICAL BENEFITS HISTORY XML Fragment ..... 122
7.11. EXCLUSION STATEMENT XML Fragment ..... 127
7.12. PHARMACEUTICAL BENEFIT ITEMS XML Fragment ..... 131
7.13. PHARMACEUTICAL BENEFIT ITEM XML Fragment ..... 137
7.14. Pharmaceutical Benefit Item Document Link (LINK) XML Fragment ..... 144
7.15. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY XML Fragment ..... 149
7.16. EXCLUSION STATEMENT XML Fragment ..... 154
7.17. Australian Childhood Immunisation Register Entries XML Fragment ..... 158
7.18. Vaccine Administration (MEDICATION ACTION) XML Fragment ..... 167
7.19. Vaccine Cancellation (MEDICATION ACTION) XML Fragment ..... 175
7.20. VACCINE CANCELLATION REASON XML Fragment ..... 181
7.21. Australian Childhood Immunisation Register Entries Document Link (LINK) XML Fragment ..... 188
7.22. AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION XML Fragment ..... 193
7.23. EXCLUSION STATEMENT XML Fragment ..... 198
7.24. Australian Organ Donor Register Details XML Fragment ..... 202
7.25. AUSTRALIAN ORGAN DONOR REGISTER ENTRY XML Fragment ..... 212
7.26. Australian Organ Donor Register Details Document Link (LINK) XML Fragment ..... 220
8.1. code ..... 224
8.2. id ..... 226
8.3. Simple timestamp ..... 227
8.4. Low time ..... 227
8.5. Interval timestamp 1 ..... 227
8.6. Interval timestamp 2 ..... 228
8.7. Width time ..... 228
8.8. Entity Identifier ..... 230
8.9. Person Name ..... 232
8.10. Address ..... 236
8.11. Electronic Communication Detail ..... 238
8.12. Employment ..... 241
8.13. PCEHR URN Scheme ..... 242
10.1. All values ..... 257
10.2. One value ..... 257

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# 1 Introduction

## 1.1 Document Purpose and Scope

This document provides a guide to implementing the 'logical' model detailed by NEHTA's Medicare Overview (MOv) Structured Content Specification (SCS) as an HL7 Clinical Document Architecture Release 2 (CDA) XML document. This implementation guide is based on Version 1.1 of the MOv SCS [NEHT2013v]. The primary aim of the implementation guide is to take implementers step by step through mapping each data component of the MOv SCS to a corresponding CDA attribute or element.

The implementation guide contains descriptions of both constraints on the CDA and, where necessary, custom extensions to the CDA, for the purposes of fulfilling the requirements for Australian implementations of MOv. The resulting CDA document can be used for the electronic exchange of MOv information between healthcare providers.

In addition, this implementation guide presents conformance requirements against which implementers can attest the conformance of their systems.

This release is intended to inform, and seek feedback from, prospective software system designers and their clinical consultants. The content of this release is not suitable for implementation in live clinical systems.

The National Clinical Terminology and Information Service (NCTIS) values your questions, comments and suggestions about this document. Please direct your questions or feedback to <*clinicalinformation@nehta.gov.au*>.

## 1.2 Medicare Overview Definition

A Medicare Overview is defined in the MOv SCS [NEHT2013v] as:

> The Medicare Overview provides Medicare Benefits Scheme (MBS) claims history, Pharmaceutical Benefits Scheme (PBS) and Repatriation Pharmaceutical Benefits Scheme (RPBS) claims history, Australian Childhood Immunisation Register (ACIR) history and Australian Organ Donor Register (AODR) information that is in the individual's PCEHR.

## 1.3 HL7 Clinical Document Architecture

The CDA is a document markup standard that specifies the structure and semantics of 'clinical documents' for the purpose of supporting interoperable exchange and use at human and system levels.

CDA has been chosen as the format for electronic clinical documents, as it is consistent with NEHTA's commitment to a service and document oriented approach to electronic information exchange, contributing to future electronic health records.

Some of the advantages of CDA are:

- It is machine computable and human readable.
- It provides a standardised display of clinical information without loss of clinical meaning.
- It provides assurance of clinical quality and safety more effectively than message-based interfaces, by storing and displaying the clinical data as entered by the clinician.
- It provides better support than HL7 V2 messages for:
  - more complex information structures, such as pathology synoptic reporting; and

  - terminologies such as SNOMED CT®.[1]
- It supports legal attestation by the clinician (requiring that a document has been signed manually or electronically by the responsible individual).
- It is able to be processed by unsophisticated applications (displayed in web browsers, for instance).
- It provides a number of levels of compliance to assist with technical implementation and migration.
- It aligns Australia with e-health initiatives in other countries (such as Canada, UK, USA, Brazil, Germany and Finland).

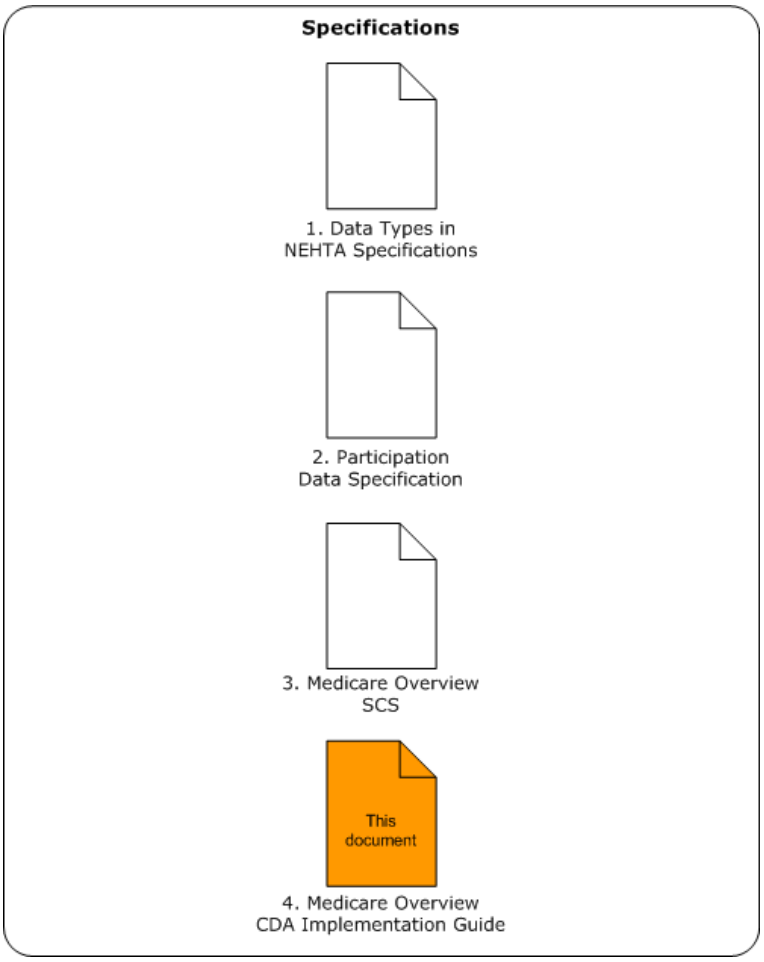
# 1.4 Intended Audience

This document is intended to be read and understood by software architects and developers, implementers of clinical information systems in various healthcare settings, IT-aware clinicians who wish to evaluate the clinical suitability of NEHTA-endorsed standards, and researchers who wish to explore certain aspects of NEHTA-endorsed standards.

This document and related artefacts are very technical in nature and the audience is expected to be familiar with the language of health data specifications and to have some familiarity with health information standards and specifications such as CDA, and Standards Australia IT-014 documents. Definitions and examples are provided to clarify relevant terminology usage and intent.

# 1.5 Document Map

This implementation guide is not intended to be used in isolation. Companion documents are listed below:




[1] SNOMED CT® is a registered trademark of the International Health Terminology Standards Development Organisation.

1. Data Types in NEHTA Specifications [NEHT2010c] is a detailed description of the data types used within the Structured Content Specification.

2. Participation Data Specification [NEHT2011v] contains the full specification which forms the basis of all participations contained in NEHTA Structured Content Specifications.

3. Medicare Overview – Structured Content Specification [NEHT2013v] is a clinical content specification describing the logical data structures, data components, and value domains which constitute the Medicare Overview.

# 1.6 Acronyms

| | |
|---|---|
| CDA | Clinical Document Architecture |
| HL7 | Health Level Seven |
| MOv | Medicare Overview |
| PAI-D | PCEHR Assigned Identifier for Device |
| PAI-O | PCEHR Assigned Identifier for Organisation |
| RIM | Reference Information Model |
| SCS | Structured Content Specification |
| UUID | Universally Unique Identifier |
| XHTML | Extensible Hypertext Markup Language |
| XML | Extensible Markup Language |
| XSL | Extensible Stylesheet Language |

For a complete listing of all relevant acronyms, abbreviations and a glossary of terms, please refer to NEHTA Acronyms, Abbreviations & Glossary of Terms [NEHT2005a].

# 1.7 Keywords

Where used in this document, the keywords **SHALL**, **SHOULD**, **MAY**, **SHALL NOT** and **SHOULD NOT** are to be interpreted as described in RFC2119 - Key words for use in RFCs to Indicate Requirement Levels [RFC2119].

**Keywords used in this document**

| Keyword | Interpretation |
|---|---|
| **SHALL** | This word, or the term **REQUIRED**, means that the statement is an absolute requirement of the specification. |
| **SHOULD** | This word, or the term **RECOMMENDED**, means that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course. |
| **MAY** | This word, or the term **OPTIONAL**, means that an item is truly optional. One implementer may choose to include the item because a particular implementation requires it, or because the implementer determines that it enhances the implementation while another implementer may omit the same item. An implementation which does not include a particular option must be prepared to interoperate with another implementation which does include the option, perhaps with reduced functionality. In the same vein, an implementation which does include a particular option must be prepared to interoperate with another implementation which does not include the option (except of course, for the feature the option provides). |
| **SHALL NOT** | This phrase means that the statement is an absolute prohibition of the specification. |
| **SHOULD NOT** | This phrase, or the phrase **NOT RECOMMENDED** means that there may exist valid reasons in particular circumstances when the particular behaviour is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behaviour described with this label. |

# 1.8 Conformance

This document describes how the Medicare Overview SCS is implemented as a CDA document. Conformance claims are not made against this implementation guide directly; rather, they are made against additional conformance profiles documented elsewhere. Any document that claims conformance to any derived conformance profile **SHALL** meet these base requirements:

- It **SHALL** be a valid HL7 CDA instance. In particular:
  - It **SHALL** be valid against the HL7 CDA Schema (once extensions have been removed, see W3C XML Schema).
  - It **SHALL** conform to the HL7 V3 R1 data type specification.
  - It **SHALL** conform to the semantics of the RIM and Structural Vocabulary.
- It **SHALL** be valid against the Australian CDA Schema that accompanies this implementation guide after any additional extension not in the NEHTA extension namespace have been removed, along with any other CDA content not described by this implementation guide.
- It **SHALL** use the mappings as they are stated in this document.
- It **SHALL** use all fixed values specified in the mappings (e.g. @attribute="`FIXED_VALUE`").
- If the vocabulary has been explicitly stated as 'NS' it **SHALL** be interpreted as:

  > *NS = In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure[2] with an appropriate object identifier (OID), and **SHALL** be publicly available.*
  >
  > *When national standard code sets become available, they **SHALL** be used and the non-standard code sets **SHALL** be deprecated.*

- It **SHALL** be valid against the additional conformance requirements that are established in this document (i.e. any normative use of the word 'shall' identified by the term presented in uppercase and bold typeface).
- The narrative **SHALL** conform to the requirements described in this implementation guide.
- The document **SHALL** conform to the requirements specified in the Medicare Overview - CDA Rendering Guide [NEHT2012i].
- The data as contained in the data types **SHALL** conform to the additional data type specification [NEHT2010c].
- Any additional content included in the CDA document that is not described by this implementation guide **SHALL NOT** qualify or negate content described by this implementation guide and it **SHALL** be clinically safe for receivers of the document to ignore the non-narrative additions when interpreting the existing content.

A system that *consumes* Medicare Overview CDA documents may claim conformance if it correctly processes conformant instance documents, including correctly understanding all the information in the header. It may, but is not required to, reject non-conformant documents. Conformant systems that consume Medicare Overview CDA documents are not required to process any or all of the structured data entries in the CDA document, but they **SHALL** be able to correctly render the document for end-users when appropriate (see Clinical Document Architecture Release 2).

Conformance profiles of this document **MAY** make additional rules that override this document in regard to:

- Allowing the use of alternative value sets in place of the value sets specified in this document.
- Allowing the use of alternative identifiers in place of the HI Service identifiers.
- Making required data elements and section divisions optional.

[2] http://www.hl7.org/oid/index.cfm?ref=footer

# 1.9 Known Issues

This section lists known issues with this specification at the time of publishing. NEHTA is working on solutions to these issues, and we encourage comments to further assist with development of these solutions

| Reference | Description |
|---|---|
| Throughout document | The ids on roles are not clearly explained. The following guidance is given in the comments field of the mapping table:<br><br>UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used.<br><br>This explanation needs to be clarified. |
| Throughout document | Australian vs American spelling - in cases where definitions have been taken from HL7 documentation, the American spelling has been preserved, e.g. organization rather than organisation. |
| Throughout document | While every effort has been taken to ensure that the examples are consistent with the normative mappings in this message specification, care needs to be taken when copying XML examples for implementation and validation. |
| PHARMACEUTICAL BENEFIT ITEM > Brand (Pharmaceutical Item Brand) and Item Generic Name (Pharmaceutical Item Generic Name) | The CDA mapping for Brand (Pharmaceutical Item Brand) and Item Generic Name (Pharmaceutical Item Generic Name) shall be exchanged, however this specification uses the existing mapping from the Medicare PBS document for consistency purpose. |
| Medicare Overview - CDA Rendering Guide | A CDA Rendering Guide has not yet been produced for the Medicare Overview. |

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# 2 Guide for Use

This document describes how to properly implement the Australian MOv SCS as a conformant HL7 CDA XML document. The Medicare Overview is built in two parts:

1. A *Structured Content Specification* (SCS), which, in conjunction with its related documents (see Document Map), describes the Medicare Overview in a form that is consistent with other NEHTA specifications. It has the potential to be implemented in multiple different exchange formats as is most suitable for a particular context. It describes the data content of Medicare Overview as a hierarchy of data components, and provides documentation concerning their use and meaning.

2. A *CDA Implementation Guide* (this document), which specifies how the data described in the SCS is properly represented in a CDA document.

In order to properly implement this specification, the reader should be familiar with the MOv SCS and the HL7 CDA documentation, and understand how to read this document.

For further information regarding NEHTA Structured Content Specifications, see the links in Document Map.

# 2.1 Clinical Document Architecture Release 2

A CDA document is an XML document built following the rules described in the CDA specification, which conforms to the HL7 CDA Schema provided by HL7. The CDA document is based on the semantics provided by the HL7 Reference Information Model, Data Types, and Vocabulary.

A CDA document has two main parts: the header and the body.

The CDA document header is consistent across all CDA documents, regardless of document type. The header identifies and classifies the document and provides information on authentication, the encounter, the patient, and the involved providers.

The body contains the clinical report, and can be marked-up text (narrative, renderable text) or a combination of both marked-up text and structured data. The marked-up text can be transformed to XHTML and displayed to a human. The structured data allows machine processing of the information shown in the narrative section.

CDA contains a requirement that all of its clinical information **SHALL** be marked up in CDA narratives. These narratives are CDA defined hypertext, able to be rendered in web browsers with only a standard accompanying transformation. This transformation is produced and distributed by HL7.

As noted, it is a conformance requirement that the rendered narrative **SHALL** be able to stand alone as a source of authenticated information for consuming parties. Content from the CDA body **SHALL NOT** be omitted from the narrative.

Further information and guidance on the CDA narrative is available in Appendix A, *CDA Narratives*.

These references are recommended to gain a better understanding of CDA:

- CDA specification: [HL7CDAR2]

- RIM, Data types and Vocabulary: [HL7V3DT]
- Useful CDA examples repository: [RING2009]
- CDA validation tools: [INFO2009]

# 2.2 Mapping Interpretation

The core of this implementation guide is a mapping from the MOv SCS to the CDA document representation.

The mappings may not be deterministic; in some cases the differences in approach between the logical model specified in SCS and CDA document implementation specifications makes it inappropriate to have a 1:1 mapping, or any simple mapping that can be represented in a transform. This is especially true for names and addresses, where the SCS requirements, based on Australian Standards such as AS 5017 2006, differ from the HL7 data types and vocabularies which are not based on these standards.

Many of the mappings use one of a few common patterns for mapping between the SCS and the CDA document. These common mapping patterns are described in 8 *Common Patterns*.

An example of a mapping section of this implementation guide is illustrated below:

## x.x ITEM NAME

## Identification (normative)

| | |
|---|---|
| **Name** | ITEM NAME |
| **Metadata type** | Metadata type e.g. Section, Data Group or Data Element |

# Relationships (normative)

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| Icon illustrating the Metadata or Data type. | ITEM NAME<br><br>This is a link to another section containing the mapping for this item. Item names in upper case indicate that the item is a section or data group. Item names in start case indicate that the item is a data element. | The number of instances of this child item that may occur. |

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| Icon illustrating the Metadata or Data type. | ITEM NAME<br>This is a link to another section containing the mapping for this item. Item names in upper case indicate that the item is a section or data group. Item names in start case indicate that the item is a data element. | The number of instances of the child item within the parent that may occur. |

# CDA R-MIM Representation

The text contains an explanation of the mapping (this text is non-normative).

The model is a constrained representation of the R-MIM (this diagram is non-normative). The colours used in the CDA model align with the usage in the R-MIM. In many cases the cardinalities shown in the model will be less constrained than those shown in the mapping table.

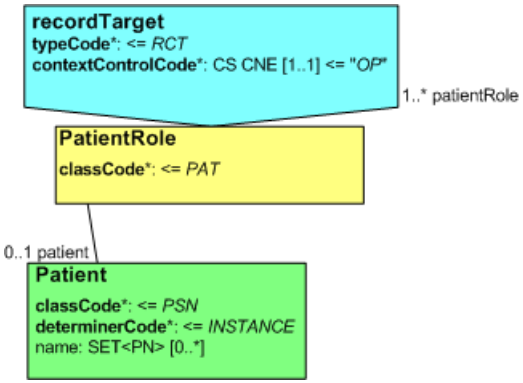


**Figure 2.1. Example - Header Part**

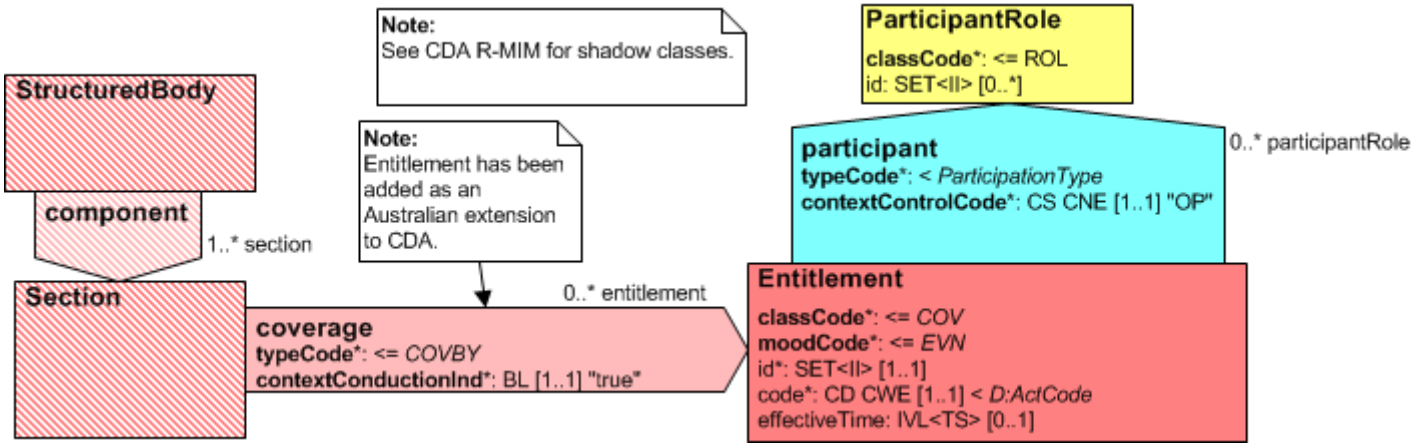


**Figure 2.2. Example - Body Part**

# CDA Mapping (normative)

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Element Type (Header, Body Level 2 etc.)** | | | Context: Parent of elements below | | |
| The path in the SCS.<br><br>Each section in this document corresponds to an SCS section or data group, and is scoped by that section or data group. The hierarchical path uses ">" as a separator for paths within the SCS data hierarchy.<br><br>If there is a name in round brackets after the path, this is the name of the reused data group for the SCS component.<br><br>The data component in **bold** text (the last in the path) is the data component for this row.<br><br>i.e. Parent Data Component > **Child Data Component** | The definition of the item from the SCS. | The cardinality of the data element in the SCS.<br><br>The cardinality of the data element in the SCS maps to the cardinality of the element in the CDA document.<br><br>Where the cardinality of the SCS data element is more constrained than the cardinality of the CDA element then the SCS cardinality takes precedence. i.e. if an element is mandatory in the SCS and optional in CDA then it will also become mandatory in the CDA document.<br><br>If an item with a maximum cardinality > 1 maps to an xml attribute, the attribute will contain multiple values separated by spaces. No such item will have valid values that themselves contain spaces. | The schema element(s) in the CDA document that correspond(s) to the SCS data component.<br><br>The syntax for this is similar to XPath:<br><br>{/name{[index]}}n{/<pattern>}<br><br>Where:<br><br>• {} indicates optional<br>• {}n means a section that may repeat<br>• <pattern> contains a link to a common pattern<br>• [index] differentiates two similar mappings<br><br>Examples:<br><br>1. component/act/participation[inf_prov]/role/**<Address>**<br><br>2. **participant**<br><br>participant/**@typeCode="ORG"**<br><br>participant/**associatedEntity**<br><br>participant/associatedEntity/**@classCode="SDLOC"**<br><br>participant/associatedEntity/**code**<br><br>A sequence of names refers to the XML path in the CDA document. The path always starts from a defined context which is defined in the grey header row above each group of mapping rows. The last name is shown in bold to make the path easier to read. The last name may be a reference to an attribute or an element, as defined in the Australian CDA Schema. The cardinalities of the items map through from the SCS.<br><br>It is possible to specify an index after the name, such as 'participation[inf_prov]' in Example 1. The presence of the index means there are two or more mappings to the same participation class that differ only in the inner detail. The indexes show which of the multiple mappings is the parent of the inner detail. Note that each of the indexed participations may exist more than once (as specified by the SCS group cardinality). To determine the mapping for these kinds of elements, a document reader must look at the content inside the element.<br><br>It is possible for one SCS data component to map to more than one CDA Schema element as in Example 2.<br><br>Any fixed attribute values are represented as a separate line of the mapping such as those shown in Example 2.<br><br>The path may end with a pattern designator, such as <Address>. This indicates that the mapping involves a number of sub-elements of the named element following the pattern as shown in the name (which is a link to the appropriate pattern in this document). | The name of the vocabulary. | Helpful additional information about the mapping. |

### How to interpret the following example mapping:

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | Context: ClinicalDocument/ | | |
| **Subject of Care** | Identifies the person about whom the health information contained in this Medicare Overview has been captured. | 1..1 | recordTarget/**patientRole** | | |
| n/a | n/a | 1..1 | recordTarget/patientRole/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | Required CDA element.<br><br>If there are any entitlements for Subject of Care this value **SHALL** be the same as: ClinicalDocument/ component/ structuredBody/ component[admin_obs]/ section/ entry/ act/ participant/ participantRole/ **id** where participantRole/ @classCode = "PAT". |
| Subject of Care > Participant > **Person** | An individual who is in the role of healthcare provider, who uses or is a potential user of a healthcare service, or is in some way related to, or a representative of, a subject of care (patient). | 1..1 | n/a | | Not mapped directly, encompassed implicitly in recordTarget/ patientRole/ patient. |
| Subject of Care > Participant > Person > **Person Name** | The appellation by which an individual may be identified separately from any other within a social context. | 1..* | recordTarget/patientRole/patient/**<Person Name>** | | See common pattern: Person Name. |

The Subject of Care (Patient) section is part of the context section of the SCS (as opposed to being part of the content section of the SCS). Although it is located in the context section of the SCS, it contains data components that map to the CDA body as well as data components that map to the CDA header. The information specifying the location of the elements is in the shaded context header row located above each group of mapping rows. The context remains the same until a new context header row starts.

The first row of the mapping (after the context header row), 'Subject of Care', is a CDA Header Element and has a context of 'ClinicalDocument' (the root element of a CDA document). Adding together the context and the mapping using '/' gives a full path of:

1. ClinicalDocument/recordTarget/patientRole

Due to the fact that 'Subject of Care' is part of the context section of the SCS (as opposed to a content element), information about it and its child elements can be located in the SCS document by finding the data component 'Subject of Care' in the table of contents under the context section and navigating to the relevant page.

If the data component were part of the content section of the SCS, information about it could be located by finding the data component (or its parent) in the table of contents under the content section of the SCS.

2. The next row in the mapping (n/a) is a row that is not defined in the SCS but which is required by CDA. The CDA schema data element is recordTarget/patientRole/id. This is a technical identifier that is used for system purposes such as matching the Entitlement details back to the Subject of Care (patient). This identifier **SHALL** be a UUID.

3. The next row in the mapping table (Subject of Care > Participant > Person) is defined in the SCS but is not mapped directly to the CDA because it is already encompassed implicitly by CDA in recordTarget/patientRole/patient.

Moving to the next row in the table (Subject of Care > Participant > Person > **Person Name**) and concatenating the context and the mapping, we get:

4. ClinicalDocument/recordTarget/patientRole/patient/**<Person Name>**

<PersonName> holds a link to the common pattern section where a new table lays out the mapping for the Person Name common pattern.

Moving down the table to the context row '**CDA Header Data Elements**', any data components after this row (until the occurrence of a new context row) map to the CDA body. Because there is no equivalent concept in CDA, an Australian CDA extension has been added in order to represent Entitlement. This extension is indicated by the presence of the 'ext:' prefix. For the data component 'Entitlement', adding together the context and the mapping using '/' gives the following paths for the CDA body level 3 data elements ([index] is dependent on context, the Entitlement CDA elements **SHALL** be deemed as CDA Header Data Elements for conformance assessment, See *4 Administrative Observations* for details):

5. ClinicalDocument/component/structuredBody/component[index]/section/**ext:coverage2/@typeCode="COVBY"**

6. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/**ext:entitlement**

7. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/**@classCode="COV"**

8. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/**@moodCode="EVN"**

9. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/**ext:participant/@typeCode="BEN"**

10. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/ext:participant/**ext:participantRole/@classCode="PAT"**

11. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/ext:participant/ext:participantRole/**ext:id**

This id is also a technical identifier and **SHALL** hold the same value as the ClinicalDocument/recordTarget/patientRole/id mentioned above in comment 1.

The order of the SCS data components is not always the same as the order of the CDA elements. In addition, the CDA elements need to be in the order specified in the Australian CDA Schema.

The "id" element is not specified in the SCS and **SHOULD** be filled with a UUID. This element may be used to reference the act from other places in the CDA document.

The next row in the table (Subject of Care > Participant > Entitlement > Entitlement Number) maps to the id element:

12 ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/**ext:id**

The next row in the table (Subject of Care > Participant > Entitlement > Entitlement Type) maps to the code element:

13. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/**ext:code**

The next row in the table (Subject of Care > Participant > Entitlement > Entitlement Validity Duration) maps to the effectiveTime element:

14. ClinicalDocument/component/structuredBody/component[index]/section/ext:coverage2/ext:entitlement/**ext:effectiveTime**

See comments in the example below.

**Example 2.1. Mapping Interpretation**

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->
<ClinicalDocument
 xmlns="urn:hl7-org:v3"
 xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >

      …

   <!-- Begin Subject of Care - Header Part -->
   <recordTarget>
      <!-- 1 Corresponds to:
            ‘//recordTarget/patientRole’
         in the mapping. -->
      <patientRole>
         <!-- 2 Corresponds to:
                  '//recordTarget/patientRole/id'
```

```
            in the mapping -->
         <id root="04A103C4-7924-11DF-A383-FC69DFD72085"/>

         …

         <telecom value="tel:0499999999" use="H"/>
         <!-- 3 -->
         <patient>
            <!-- 4 Corresponds to:
                 '//recordTarget/patientRole/patient/<Person Name>'
               in the mapping -->
            <name use="L">
               <prefix>Ms</prefix>
               <given>Sally</given>
               <family>Grant</family>
            </name>

            …

         </patient>
      </patientRole>
   </recordTarget>
   <!-- End Subject of Care - Header Part -->

…

   <!-- Begin CDA Body -->
   <component>
      <structuredBody>

         <!-- Begin section -->
         <component>
            <section>

               …

               <!-- Begin Subject of Care Entitlement -->
               <!— 5 Corresponds to:
                     '//ext:coverage2'
                  in the mapping. -->
               <ext:coverage2 typeCode="COVBY">
                  <!-- 6, 7, 8 Corresponds to:
                        '//ext:coverage2/ext:entitlement',
                        '//ext:coverage2/ext:entitlement/@classCode="COV"',
                        '//ext:coverage2/ext:entitlement/@moodCode="EVN"'
                     in the mapping -->
                  <ext:Entitlement classCode="COV" moodCode="EVN">
                     <!-- 12 Corresponds to:
                           '//ext:coverage2/ext:entitlement/ext:id'
                        in the mapping -->
                     <ext:id root="1.2.36.174030967.0.5" extension="1234567892"
                        assigningAuthorityName="Department of Human Services"/>
                     <!-- 13 Corresponds to:
                        '//ext:coverage2/ext:entitlement/ext:code'
                     in the mapping -->
                     <ext:code code="1" codeSystem="1.2.36.1.2001.1001.101.104.16047" codeSystemName="NCTIS Entitlement Type Values" displayName="Medicare Benefits" />
                     <!-- 14 Corresponds to:
                           '//ext:coverage2/ext:entitlement/ext:effectiveTime'
                        in the mapping -->
                     <ext:effectiveTime>
                        <low value="200701010101"/>
                        <high value="202701010101"/>
                     </ext:effectiveTime>
                     <!-- 9 Corresponds to:
                           '//ext:coverage2/ext:entitlement/ext:participant/@typeCode="BEN"'
```

```
                        in the mapping -->
                     <ext:participant typeCode="BEN">
                        <!-- 10 Corresponds to:
                              '//ext:coverage2/ext:entitlement/ext:participant/ext:participantRole/@classCode="PAT"'
                           in the mapping -->
                        <ext:participantRole classCode="PAT">
                           <!-- 11 Corresponds to:
                                 '//ext:coverage2/ext:entitlement/ext:participant/ext:participantRole/ext:id'
                              in the mapping -->
                           <!-- Same as recordTarget/patientRole/id -->
                           <ext:id root="04A103C4-7924-11DF-A383-FC69DFD72085"/>
                        </ext:participantRole>
                     </ext:participant>
                  </ext:Entitlement>
               </ext:coverage2>
               <!-- End Entitlement -->

               …

            </section>
         </component>
         <!-- End section -->

      </structuredBody>
   </component>
   <!-- End CDA Body -->
</ClinicalDocument>
```

# 2.3 CDA Extensions

The SCS is based on Australian requirements, either as expressed in existing Australian Standards, or based upon extensive consultation with major stakeholders. Not all of these requirements are supported by HL7 Clinical Document Architecture Release 2 (CDA).

CDA provides a mechanism for handling this. Implementation guides are allowed to define extensions, provided some key rules are followed:

- Extensions must have a namespace other than the standard HL7v3 namespace.
- The extension cannot alter the intent of the standard CDA document. For example, an extension cannot be used to indicate that an observation does not apply where the CDA document requires it.
- HL7 encourages users to get their requirements formalised in a subsequent version of the standard so as to maximise the use of shared semantics.

Accordingly, a number of extensions to CDA have been defined in this *Implementation Guide*. To maintain consistency, the same development paradigm has been used as CDA, and all the extensions have been submitted to HL7 for inclusion into a future release of CDA (Release 3 currently under development).

Version 3.0 of these extensions are incorporated in the namespace <http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0> as shown in the CDA example output throughout this document. Future versions of CDA Extensions will be versioned as per the following example:

<http://ns.electronichealth.net.au/Ci/Cda/Extensions/4.0>

# 2.4 W3C XML Schema

This document refers to an accompanying CDA W3C XML Schema (referred to in this document as the Australian CDA Schema). This schema differs from the base HL7 CDA W3C XML Schema (referred to in this document as the HL7 CDA Schema) as mentioned below:

- Australian CDA extensions have been added to the Australian CDA Schema.

CDA documents which include extensions will fail to validate against the HL7 CDA Schema – this is a known limitation.

A Medicare Overview document that conforms to this specification **SHALL** validate against the Australian CDA Schema that accompanies this specification, and **SHALL** validate against the HL7 CDA Schema once the extensions have been removed. Note that merely passing schema validation does not ensure conformance. For more information, refer to Conformance.

# 2.5 Schematron

Many of the rules this document makes about CDA documents cannot be captured in the W3C XML Schema language (XSD) as XSD does not provide a mechanism to state that the value or presence of one attribute is dependent on the values or presence of other attributes (co-occurrence constraints).

Schematron is a rule-based validation language for making assertions about the presence or absence of patterns in XML trees. The rules defined by this document may be captured as Schematron rules. As of this release, the matching Schematron assertions have not yet been developed; NEHTA is considering the distribution of these rules in association with future releases of this implementation guide.

# 2.6 Implementation Strategies

There are many platform specific implementation options for readers pursuing the implementation of a CDA document according to this implementation guide. Examples of these implementation options include:

- Read or write CDA documents directly using a Document Object Model (DOM) or 3rd Generation Language (3GL) code (or both).
- Transform an existing XML format to and from a CDA document.
- Use a toolkit to generate a set of classes from HL7 CDA Schema or the Australian CDA Schema provided with this implementation guide, to read or write documents.
- Use existing libraries, possibly open source, which can read and write CDA documents.

The best approach for any given implementation is strongly dictated by existing architecture, technology and legacy constraints of the implementation project or existing system.

# 3 Medicare Overview Data Hierarchy

The data hierarchy below provides a logical representation of the data structure of the MOv SCS data components.

The data hierarchy is a logical representation of the data components of Medicare Overview, and is not intended to represent how the data contents are represented in a CDA document.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | MEDICARE OVERVIEW | | | | | | |
| CONTEXT | | | | | | | |
| | SUBJECT OF CARE | | | | | | 1..1 |
| | DOCUMENT AUTHOR | | | | | | 1..1 |
| | DateTime Authored | | | | | | 1..1 |
| | Earliest Date for Filtering (DateTime Health Event Started) | | | | | | 0..1 |
| | Latest Date for Filtering (DateTime Health Event Ended) | | | | | | 0..1 |
| CONTENT | | | | | | | |
| | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) | | | | | | 0..1 |
| | | General Statement | | | | | 1..1 |
| | MEDICARE/DVA FUNDED SERVICES HISTORY | | | | | | 0..1 |
| | | EXCLUSION STATEMENT | | | | | 0..1 |
| | | | General Statement | | | | 1..1 |
| | | MEDICARE/DVA FUNDED SERVICES | | | | | 0..1 |
| | | | MEDICARE/DVA FUNDED SERVICE | | | | 1..* |
| | | | | Date of Service | | | 1..1 |
| | | | | Medicare MBS/DVA Item | | | 1..1 |
| | | | | Service in Hospital Indicator | | | 0..1 |
| | | | | SERVICE REQUESTER | | | 0..1 |
| | | | | SERVICE PROVIDER | | | 0..1 |
| | | | | Medicare/DVA Funded Service Document Link (LINK) | | | 1..1 |
| | | | | | Link Nature | | 1..1 |
| | | | | | Link Role | | 0..1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | Target Document (Link Target) | 1..1 |
| | | PHARMACEUTICAL BENEFITS HISTORY | | | | | 0..1 |
| | | | EXCLUSION STATEMENT | | | | 0..1 |
| | | | | General Statement | | | 1..1 |
| | | | PHARMACEUTICAL BENEFIT ITEMS | | | | 0..1 |
| | | | | PHARMACEUTICAL BENEFIT ITEM | | | 1..* |
| | | | | | PBS/RPBS Item Code | | 1..1 |
| | | | | | PBS/RPBS Manufacturer Code | | 0..1 |
| | | | | | Brand (Pharmaceutical Item Brand) | | 1..1 |
| | | | | | Item Generic Name (Pharmaceutical Item Generic Name) | | 1..1 |
| | | | | | Item Form and Strength (Pharmaceutical Item Form and Strength) | | 1..1 |
| | | | | | Date of Supply | | 1..1 |
| | | | | | Date of Prescribing | | 1..1 |
| | | | | | Quantity | | 1..1 |
| | | | | | Number of Repeats | | 1..1 |
| | | | | | Pharmaceutical Benefit Item Document Link (LINK) | | 1..1 |
| | | | | | | Link Nature | 1..1 |
| | | | | | | Link Role | 0..1 |
| | | | | | | Target Document (Link Target) | 1..1 |
| | | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY | | | | | 0..1 |
| | | | EXCLUSION STATEMENT | | | | 0..1 |
| | | | | General Statement | | | 1..1 |
| | | | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | | | | 0..1 |
| | | | | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | | | 1..* |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | VACCINE ADMINISTRATION ENTRY | | | 0..1 |
| | | | | | | Vaccine Administration (MEDICATION ACTION) | | 1..1 |
| | | | | | | | Vaccine Type (Therapeutic Good Identification) | 1..1 |
| | | | | | | | Medicare Antigen Code (Reason for Action) | 0..* |
| | | | | | | | Vaccine Dose Number (Sequence Number) | 0..1 |
| | | | | | | | Date Vaccination Received (Medication Action DateTime) | 1..1 |
| | | | | | VACCINE CANCELLATION ENTRY | | | 0..1 |
| | | | | | | Vaccine Cancellation (MEDICATION ACTION) | | 1..1 |
| | | | | | | | Vaccine Type (Therapeutic Good Identification) | 1..1 |
| | | | | | | | Medicare Antigen Code (Reason for Action) | 0..* |
| | | | | | | | Vaccine Dose Number (Sequence Number) | 0..1 |
| | | | | | | | Date Vaccination Cancelled (Medication Action DateTime) | 0..1 |
| | | | | | | VACCINE CANCELLATION REASON | | 0..* |
| | | | | | | | Type (Vaccine Cancellation Reason Type) | 1..1 |
| | | | | | | | Period (Vaccine Cancellation Reason Period) | 1..1 |
| | | | | | | | Comment (Vaccine Cancellation Reason Comment) | 1..1 |
| | | | | Australian Childhood Immunisation Register Entries Document Link (LINK) | | | | 1..1 |
| | | | | | Link Nature | | | 1..1 |
| | | | | | Link Role | | | 0..1 |
| | | | | | Target Document (Link Target) | | | 1..1 |
| | | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION | | | | | | 0..1 |
| | | | EXCLUSION STATEMENT | | | | | 0..1 |
| | | | | General Statement | | | | 1..1 |
| | | | AUSTRALIAN ORGAN DONOR REGISTER DETAILS | | | | | 0..1 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | AUSTRALIAN ORGAN DONOR REGISTER ENTRY | | 1..1 |
| | | | | | Date of Initial Registration | 1..1 |
| | | | | | Donation Decision | 1..1 |
| | | | | | ORGAN AND TISSUE DONATION DETAILS | 0..1 |
| | | | | | Bone Tissue Indicator | 1..1 |
| | | | | | Eye Tissue Indicator | 1..1 |
| | | | | | Heart Indicator | 1..1 |
| | | | | | Heart Valve Indicator | 1..1 |
| | | | | | Kidney Indicator | 1..1 |
| | | | | | Liver Indicator | 1..1 |
| | | | | | Lungs Indicator | 1..1 |
| | | | | | Pancreas Indicator | 1..1 |
| | | | | | Skin Tissue Indicator | 1..1 |
| | | | | Australian Organ Donor Register Details Document Link (LINK) | | 1..1 |
| | | | | | Link Nature | 1..1 |
| | | | | | Link Role | 0..1 |
| | | | | | Target Document (Link Target) | 1..1 |

# 4 Administrative Observations

The MOv SCS contains a number of data elements that are logically part of the SCS context, but for which there are no equivalent data elements in the CDA header. These data elements are considered to be "Administrative Observations" about the encounter, the patient or some other participant. Administrative Observations is a CDA section that is created to hold these data components in preference to creating extensions for them.

# CDA R-MIM Representation

Figure 4.1, “Administrative Observations” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The Administrative Observations section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship.

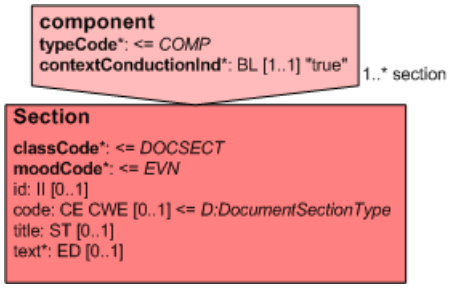


**Figure 4.1. Administrative Observations**

# CDA Mapping

At most one instance of Administrative Observation section **SHOULD** be present in a CDA document. The cardinality of this section comes from its linking context data elements (Ex: CDA context Data Element(s) mapped to Administrative Observation Section). If any of the linking context data elements are mandatory, then this section **SHALL** be marked as a mandatory section.

This section **SHALL NOT** be populated if there are no entries or text to go in it.

This section **SHALL** contain a code if provided.

All data elements (with the exception of narrative text) within this section **SHALL** be deemed as **CDA Header Data Elements** for conformance assessment.

The <text> data element is **OPTIONAL** and **SHALL** be treated as a Level 2 CDA Data Element.

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | Context: ClinicalDocument/component/structuredBody/ | | |
| n/a | n/a | Cardinality comes from linking context Data Elements | **component/section[admin_obs]** | | |
| | | 0..1 | component/section[admin_obs]/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | |
| | | 1..1 | component/section[admin_obs]/**code** | | |
| | | | component/section[admin_obs]/code/**@code="102.16080"** | | |
| | | | component/section[admin_obs]/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component/section[admin_obs]/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component/section[admin_obs]/code/**@displayName="Administrative Observations"** | | |
| | | | component/section[admin_obs]/**title="Administrative Observations"** | | |
| | | 0..1 | component/section[admin_obs]/**text** | | See Appendix A, *CDA Narratives* |

### Example 4.1. Administrative Observations XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema
shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
   <!-- Begin CDA Header -->
      …

   <!-- End CDA Header -->

   <!-- Begin CDA Body -->
   <component>
      <structuredBody>
         …

         <!-- Begin Administrative Observations section -->
   <component><!-- [admin_obs] -->
    <section>
     <id root="88CDBCA4-EFD1-11DF-8DE4-E4CDDFD72085"/>
     <code code="102.16080" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Administrative Observations"/>
     <title>Administrative Observations</title>

     <!-- Narrative text for Administrative Observations -->
     <text/>
     …

    </section>
   </component><!-- [admin_obs] -->
   <!-- End Administrative Observations section -->
   …

      </structuredBody>
   </component>
   <!-- End CDA Header -->
</ClinicalDocument>
```

# 5 CDA Header

This chapter contains CDA specific header elements (both **REQUIRED** and **OPTIONAL**) that are not specified in the MOv SCS specification. The CDA Schema Data Element describes each element.

All the definitions in this chapter are sourced from "HL7 Clinical Document Architecture, Release 2" [HL7CDAR2].

# 5.1 ClinicalDocument

## Identification

| | |
|---|---|
| **Name** | ClinicalDocument |
| **Definition** | The ClinicalDocument class is the entry point into the CDA R-MIM, and corresponds to the <ClinicalDocument> XML element that is the root element of a CDA document. |

## Relationships

**Children**

| Name | Occurrence |
|---|---|
| Custodian | 1..1 |

# CDA R-MIM Representation

Figure 5.1, “ClinicalDocument”

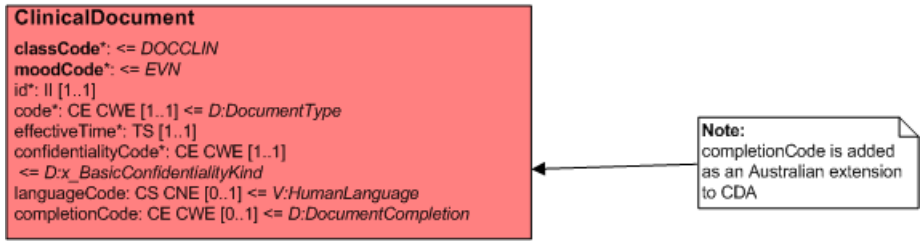


**Figure 5.1. ClinicalDocument**

# CDA Mapping

| CDA Schema Data Element | Definition | Card | Vocab | Comments |
|---|---|---|---|---|
| Context: / | | | | |
| **ClinicalDocument** | The ClinicalDocument class is the entry point into the CDA R-MIM, and corresponds to the <ClinicalDocument> XML element that is the root element of a CDA document. | 1..1 | | |
| ClinicalDocument/**typeId** | A technology-neutral explicit reference to the CDA Release 2 specification. | 1..1 | | |
| ClinicalDocument/typeId/**@extension="POCD_HD000040"** | | 1..1 | | The unique identifier for the CDA Release 2 Hierarchical Description. |
| ClinicalDocument/typeId/**@root="2.16.840.1.113883.1.3"** | | 1..1 | | The OID for HL7 Registered models. |
| ClinicalDocument/**templateId** | | 1..* | | One or more template identifiers that indicate constraints on the CDA document that this document conforms to. One of the identifiers must be the templateId that identifies this specification (see immediately below). Additional template identifiers may be required by other specifications, such as the CDA Rendering Specification.<br><br>Systems are not required to recognise any other template identifiers than the one below in order to understand the document as a [type] but these identifiers may influence how the document must be handled. |
| ClinicalDocument/templateId/**@root="1.2.36.1.2001.1001.100.1002.172"** | | 1..1 | | The healthcare context-specific name of the published Medicare Overview CDA Implementation Guide. |
| ClinicalDocument/templateId/**@extension="1.1"** | | 1..1 | | The identifier of the version that was used to create the document instance. |
| ClinicalDocument/**id** | Represents the unique instance identifier of a clinical document. | 1..1 | | See common pattern: id. |
| ClinicalDocument/**code** | The code specifying the particular kind of document (e.g. History and Physical, Discharge Summary, Progress Note). | 1..1 | | See common pattern: code. |
| ClinicalDocument/code/**@code="100.16767"** | | | | The Medicare Overview provides Medicare Benefits Scheme (MBS) claims history, Pharmaceutical Benefits Scheme (PBS) and Repatriation Pharmaceutical Benefits Scheme (RPBS) claims history, Australian Childhood Immunisation Register (ACIR) history and Australian Organ Donor Register (AODR) information that is in the individual's PCEHR. |
| ClinicalDocument/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | | | |
| ClinicalDocument/code/**@codeSystemName="NCTIS Data Components"** | | | | |
| ClinicalDocument/code/**@displayName="Medicare Overview"** | | | | |

| CDA Schema Data Element | Definition | Card | Vocab | Comments |
|---|---|---|---|---|
| ClinicalDocument/**effectiveTime** | Signifies the document creation time, when the document first came into being. Where the CDA document is a transform from an original document in some other format, the ClinicalDocument.effectiveTime is the time the original document is created. | 1..1 | | See common pattern: time. |
| ClinicalDocument/**confidentialityCode/@nullFlavor="NA"** | Codes that identify how sensitive a piece of information is and/or that indicate how the information may be made available or disclosed. | 1..1 | | |
| ClinicalDocument/**languageCode** | | 0..1 | [RFC3066] – Tags for the Identification of Languages | <Language Code> – <DIALECT><br><br>The <Language Code> **SHALL** be "en".<br>The <DIALECT> **SHOULD** be "AU". |
| ClinicalDocument/**ext:completionCode** | The lifecycle status of a document. | 1..1 | NCTIS: Admin Codes - Document Status | See Australian CDA extension: ClinicalDocument.completionCode. |

### Example 5.1. ClinicalDocument Body XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3"
      xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
      xmlns:xs="http://www.w3.org/2001/XMLSchema"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/>
 <templateId root="1.2.36.1.2001.1001.100.1002.172" extension="1.1"/>
 <id root="8BC3406A-B93F-11DE-8A2B-6A1C56D89593"/>
 <code code="100.16767" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Medicare Overview"/>
 <effectiveTime value="200910201235+1000"/>
 <confidentialityCode nullFlavor="NA"/>
 <languageCode code="en-AU"/>
 <ext:completionCode code="F" codeSystem="1.2.36.1.2001.1001.101.104.20104" codeSystemName="NCTIS Document Status Values" displayName="Final"/>

 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
  …

 <!-- End CDA Body -->

</ClinicalDocument>
```

# 5.1.1 Custodian

## Identification

| | |
|---|---|
| **Name** | Custodian |
| **Definition** | The organization that is in charge of maintaining the document. The custodian is the steward that is entrusted with the care of the document. Every CDA document has exactly one custodian. |

## Relationships

**Parent**

| Name | Occurrences (child within parent) |
|---|---|
| ClinicalDocument | 1..1 |

# CDA R-MIM Representation

Figure 5.2, “Custodian”shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The CUSTODIAN data group maps to the CDA Header element custodian. The custodian participation class represents the organization that is in charge of maintaining the document. The role is AssignedCustodian and is represented by the CustodianOrganization entity.

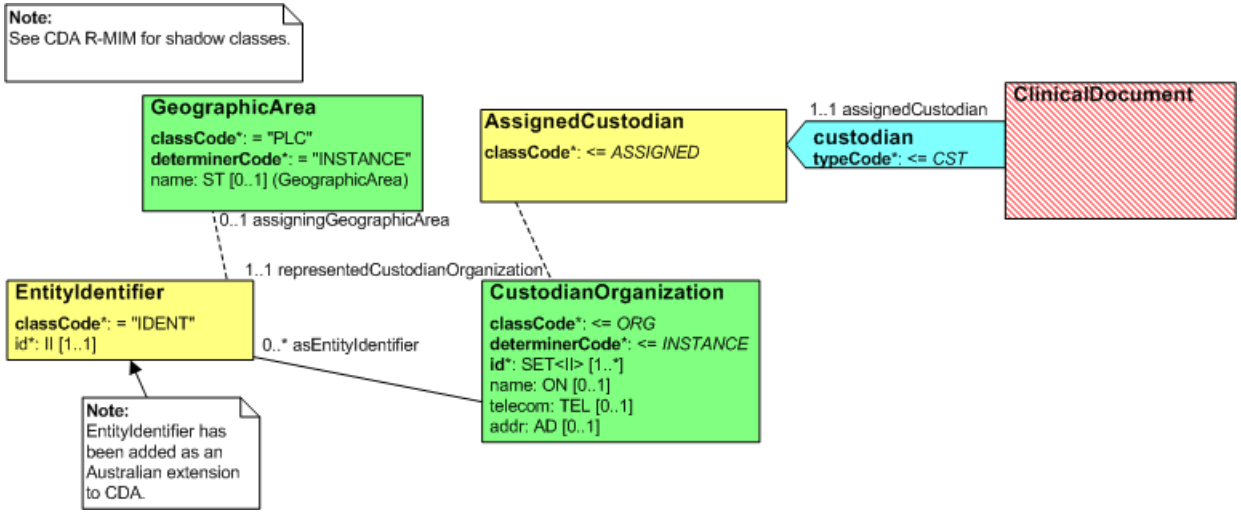


**Figure 5.2. Custodian**

# CDA Mapping

| CDA Schema Data Element | Definition | Card | Vocab | Comments |
|---|---|---|---|---|
| Context: ClinicalDocument/ | | | | |
| **custodian** | Represents the organization that is in charge of maintaining the document. The custodian is the steward that is entrusted with the care of the document. Every CDA document has exactly one custodian. | 1..1 | | |
| custodian/**assignedCustodian** | A custodian is a scoping organization in the role of an assigned custodian. | 1..1 | | |
| custodian/assignedCustodian/**representedCustodianOrganization** | The steward organization (CustodianOrganization class) is an entity scoping the role of AssignedCustodian. | 1..1 | | |
| custodian/assignedCustodian/representedCustodianOrganization/**id** | A unique identifier for the scoping entity (representedCustodianOrganization) in this role. | 1..* | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| custodian/assignedCustodian/representedCustodianOrganization/**<Entity Identifier>** | The entity identifier of the custodian organization. | 0..* | The value of one Entity Identifier **SHALL** be a PAIO. | See common pattern: Entity Identifier. |
| custodian/assignedCustodian/representedCustodianOrganization/**name** | The name of the steward organization. | 0..1 | | |
| custodian/assignedCustodian/representedCustodianOrganization/**<Electronic Communication Detail>** | The telecom of the steward organization. | 0..1 | | See common pattern: Electronic Communication Detail. |
| custodian/assignedCustodian/representedCustodianOrganization/**<Address>** | The address of the steward organization | 0..1 | | See common pattern: Address. |

### Example 5.2. Custodian Body XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
   …

 <!-- Begin CDA Header -->
  …

  <!-- Begin Custodian -->
  <custodian>
   <assignedCustodian>
    <representedCustodianOrganization>

     <!-- ID is used for system purposes such as matching -->
     <id root="072EC7BC-78EC-11DF-B9AC-D524DFD72085"/>

     <!-- Organisation Name -->
     <name>Oz Health Clinic</name>

     <!-- Electronic Communication Detail -->
     <telecom use="WP" value="tel:0712341234"/>

     <!-- Address -->
     <addr use="H">
      <streetAddressLine>99 Clinician Street</streetAddressLine>
      <city>Nehtaville</city>
      <state>QLD</state>
      <postalCode>5555</postalCode>
      <additionalLocator>32568931</additionalLocator>
     </addr>

     <!-- Entity Identifier -->
     <ext:asEntityIdentifier classCode="IDENT">
      <ext:id assigningAuthorityName="PAI-O" root="1.2.36.1.2001.1007.1.8003640001000036"/>
      <ext:assigningGeographicArea classCode="PLC">
       <ext:name>National Identifier</ext:name>
      </ext:assigningGeographicArea>
     </ext:asEntityIdentifier>

    </representedCustodianOrganization>
   </assignedCustodian>
  </custodian>
  <!-- End Custodian -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
  …

  </structuredBody>
 </component>
 <!-- End CDA Body -->
```

```
</ClinicalDocument>
```

# 6 Context Data Specification - CDA Mapping

## 6.1 Medicare Overview

### Identification

| | |
|---|---|
| **Name** | MEDICARE OVERVIEW |
| **Metadata Type** | Structured Document |
| **Identifier** | SD-16767 |

### Relationships

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | SUBJECT OF CARE | 1..1 |
| | DOCUMENT AUTHOR | 1..1 |

### CDA R-MIM Representation

Figure 6.1, “CDA Header Model for Medicare Overview Context” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

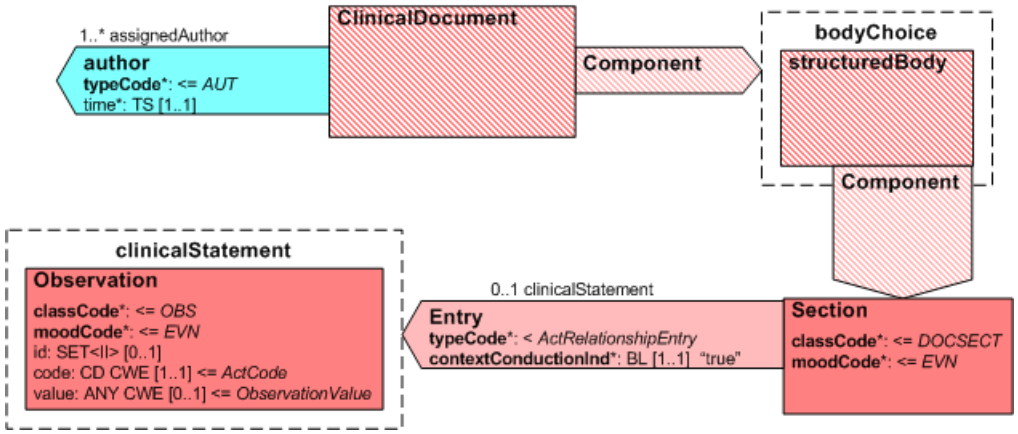


**Figure 6.1. CDA Header Model for Medicare Overview Context**

# CDA Mapping

| NEHTA Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | | | |
| **Medicare Overview** | The Medicare Overview provides Medicare Benefits Scheme (MBS) claims history, Pharmaceutical Benefits Scheme (PBS) and Repatriation Pharmaceutical Benefits Scheme (RPBS) claims history, Australian Childhood Immunisation Register (ACIR) history and Australian Organ Donor Register (AODR) information that is in the individual's PCEHR. | 1..1 | ClinicalDocument/**code** | | |
| | | | ClinicalDocument/code/**@code="100.16767"** | | |
| | | | ClinicalDocument/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | ClinicalDocument/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | ClinicalDocument/code/**@displayName="Medicare Overview"** | | |
| | | | ClinicalDocument/**effectiveTime** | | Document creation time. |
| Medicare Overview > **Subject of Care** | See: SUBJECT OF CARE | | | | |
| Medicare Overview > **Document Author** | See: DOCUMENT AUTHOR | | | | |
| Medicare Overview > **DateTime Authored** | The date, or date and time, that the Medicare Overview document was constructed from the source documents. | 1..1 | ClinicalDocument/**author/time/@value** | | See <time> for available attributes. |

| NEHTA Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[admin_obs]/section/ (See 4 *Administrative Observations*) | | |
| **Earliest Date for Filtering (DateTime Health Event Started)** | The date, or date and time, on or after which all source documents were authored. | 0..1 | **entry[earliest_date]** | | Though this Data Element has been mapped as **CDA Body Data Elements** this entry **SHALL** be asserted as CDA Level 1 Data Elements. |
| | | | entry[earliest_date]/**observation** | | |
| | | | entry[earliest_date]/observation/**@classCode="OBS"** | | |
| | | | entry[earliest_date]/observation/**@moodCode="EVN"** | | |
| | | | entry[earliest_date]/observation/**code** | | |
| | | | entry[earliest_date]/observation/code/**@code="103.15507"** | | |
| | | | entry[earliest_date]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[earliest_date]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[earliest_date]/observation/code/**@displayName="Earliest Date for Filtering"** | | |
| | | | entry[earliest_date]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[earliest_date]/observation/**value:TS** | | Usage: date or date/time+tz |
| | | | entry[earliest_date]/observation/value/**@value** | | Implementation specific nullFlavor="NI" **MAY** be allowed. |

| NEHTA Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **Latest Date for Filtering (DateTime Health Event Ended)** | The date, or date and time, on or before which all source documents were authored. | 0..1 | **entry[latest_date]** | | Though this Data Element has been mapped as **CDA Body Data Elements** this entry **SHALL** be asserted as CDA Level 1 Data Elements. |
| | | | entry[latest_date]/**observation** | | |
| | | | entry[latest_date]/observation/**@classCode="OBS"** | | |
| | | | entry[latest_date]/observation/**@moodCode="EVN"** | | |
| | | | entry[latest_date]/observation/**code** | | |
| | | | entry[latest_date]/observation/code/**@code="103.15510"** | | |
| | | | entry[latest_date]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[latest_date]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[latest_date]/observation/code/**@displayName="Latest Date for Filtering"** | | |
| | | | entry[latest_date]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[latest_date]/observation/**value:TS** | | Usage: date or date/time+tz |
| | | | entry[latest_date]/observation/value/**@value** | | Implementation specific nullFlavor="NI" **MAY** be allowed. |

For CDA Header mappings and model which are not explicitly included in the SCS, see ClinicalDocument.

### Example 6.1. Medicare Overview Context XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="CDA-eDS-V3_0.xsd" xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0">
  …

 <code code="100.16767" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Medicare Overview"/>
 <effectiveTime value="200910201235+1000"/>
 …

 <!-- Begin CDA Header -->
  …

  <!-- Begin Author instantiated as DEVICE -->
  <author>
   …

   <!-- DateTime Authored -->
   <time value="201110201235+1000" />
   …

  </author>
  <!-- End Author instantiated as DEVICE -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>

   <!-- Begin Section Administrative Observations -->
   <component>
    <section>
    …

    <!-- Earliest Date for Filtering (DateTime Health Event Started) -->
     <entry>
      <observation classCode="OBS" moodCode="EVN">
       <id root="8f854d40-352b-11e2-81c1-0800200c9a66" />
       <code code="103.15507" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Earliest Date for Filtering" />
       <value value="20110101" xsi:type="TS" />
      </observation>
     </entry>

     <!-- Begin Latest Date for Filtering (DateTime Health Event Ended) -->
     <entry>
      <observation classCode="OBS" moodCode="EVN">
       <id root="a76a9770-352c-11e2-81c1-0800200c9a66" />
       <code code="103.15510" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Latest Date for Filtering" />
       <value value="20120101" xsi:type="TS" />
      </observation>
     </entry>

    </section>
   </component>
   <!-- End Section Administrative Observations -->
   …
```

```
 <!-- End CDA Body -->
</ClinicalDocument>
```

# 6.1.1 DOCUMENT AUTHOR

## Identification

| | |
|---|---|
| **Name** | DOCUMENT AUTHOR |
| **Metadata Type** | Data Group |
| **Identifier** | DG-10296 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 1..1 |

# CDA R-MIM Representation

Figure 6.2, “Document Author” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The DOCUMENT AUTHOR data group instantiated as 'DEVICE' is related to its context of ClinicalDocument by the author participation class. An author is a device in the role of assignedAuthor (AssignedAuthor class). The entity playing the role is assignedAuthorChoice (AuthoringDevice class). The entity identifier of the participant is mapped to the EntityIdentifier class (Australian CDA extension) and is associated with the assignedAuthorChoice.

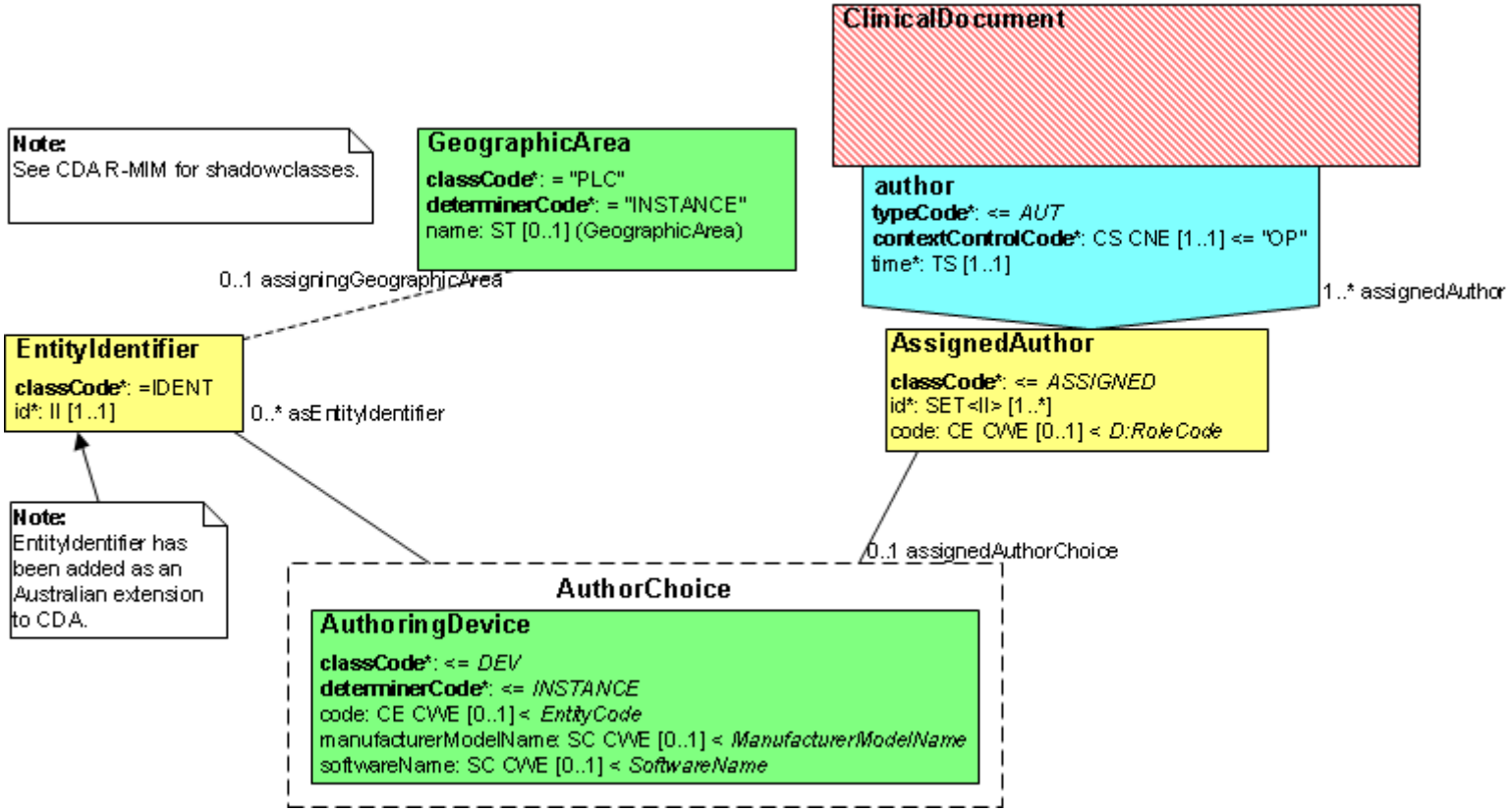


**Figure 6.2. Document Author**

# CDA Mapping

## Note

CDA mapping for 'Document Author' when 'Document Author > Participant > Person or Organisation or Device' instantiated as **'DEVICE'**.

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | Context: ClinicalDocument/ | | |
| **Document Author** | The device that composed the Medicare Overview document. | 1..1 | **author** | | Document Author **SHALL** be filled with the Device that authored the document. |
| Document Author > **Participation Type** | The categorisation of the nature of the participant's involvement in the healthcare event described by this participation. | 1..1 | n/a | Participation Type **SHALL** have an implementation-specific fixed value equivalent to "Document Author". | Not mapped directly, encompassed implicitly in author/typeCode="AUT" (optional, fixed value). |
| Document Author > **Role** | The involvement or role of the participant in the related action from a healthcare perspective rather than the specific participation perspective. | 1..1 | author/**assignedAuthor/code** | Role **SHALL** have an implementation-specific fixed value equivalent to "Not Applicable" | n/a |
| n/a | n/a | 1..1 | author/assignedAuthor/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | Required CDA element. |
| Document Author > **Participant** | Details pertinent to the identification of an individual or organisation or device that has participated in a healthcare event/encounter/clinical interaction. | 1..1 | author/assignedAuthor/**assignedAuthoringDevice** | | |
| Document Author > Participant > **Entity Identifier** | A number or code issued for the purpose of identifying a participant within a healthcare context. | 0..* | author/assignedAuthor/assignedAuthoringDevice/**<Entity Identifier>** | The value of one Entity Identifier **SHALL** be a PAI-D | See common pattern: Entity Identifier. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Document Author > Participant > **Person or Organisation or Device** | Represents a choice to be made at run-time between PERSON, ORGANISATION or DEVICE. | 1..1 | n/a | PERSON OR ORGANISATION OR DEVICE **SHALL** be instantiated as a DEVICE. | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Document Author > Participant > Person or Organisation or Device > **Device** | Describes a device or software module of interest to, or involved in, the business of healthcare service provision. | 1..1 | n/a | | Not mapped directly, encompassed implicitly in author/assignedAuthor/assignedAuthoringDevice. |
| Document Author > Participant > Person or Organisation or Device > Device > **Device Name** | The full name of the device. | 1..1 | author/assignedAuthor/assignedAuthoringDevice/**softwareName** | | |

### Example 6.2. Document Author XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >

 <!-- Begin CDA Header -->
  …

  <!-- Begin Author instantiated as DEVICE -->
  <author>

   <!-- DateTime Authored -->
   <time value="201110201235+1000" />

   <assignedAuthor>

    <!-- ID is used for system purposes such as matching -->
    <id root="7FCB0EC4-0CD0-11E0-9DFC-8F50D8572085" />

    <!-- The author code is not applicable  -->
    <code nullFlavor="NA"/>

    <!-- Participant -->
    <assignedAuthoringDevice>

     <!-- Device Name -->
     <softwareName>Software Name</softwareName>

     <!-- Entity Identifier -->
     <ext:asEntityIdentifier classCode="IDENT">
      <ext:id assigningAuthorityName="PAI-D" root="1.2.36.1.2001.1007.20.8003640003000026" />
     </ext:asEntityIdentifier>

    </assignedAuthoringDevice>

   </assignedAuthor>
  </author>
  <!-- End Author instantiated as DEVICE -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 6.1.2 SUBJECT OF CARE

## Identification

| | |
|---|---|
| **Name** | SUBJECT OF CARE |
| **Metadata Type** | Data Group |
| **Identifier** | DG-10296 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 1..1 |

# CDA R-MIM Representation

Figure 6.3, “Subject of Care - Header Data Elements” and Figure 6.4, “Subject of Care - Body Data Elements” show a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to both CDA Header and CDA Body elements.

The SUBJECT OF CARE data group maps mostly to CDA Header elements. The recordTarget participation class represents the medical record to which this document belongs. The recordTarget is associated with the Patient class by the PatientRole class. In order to represent the Date of Death of the Subject of Care, Patient.deceasedTime has been added as an Australian CDA extension.

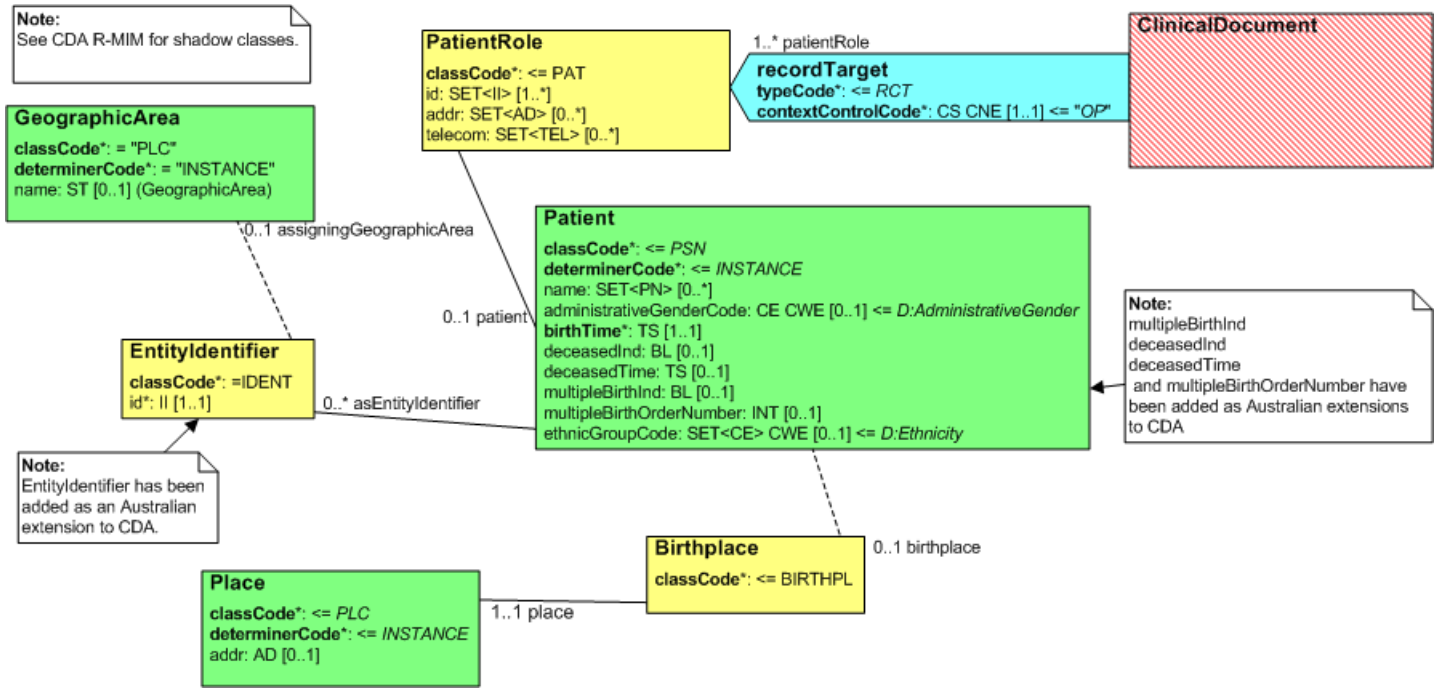


**Figure 6.3. Subject of Care - Header Data Elements**

## Note

Several data elements contained in the SUBJECT OF CARE data group could not be mapped to CDA Header elements. These data elements have been mapped to Observations in the Administrative Observations section (see 4 *Administrative Observations* ).

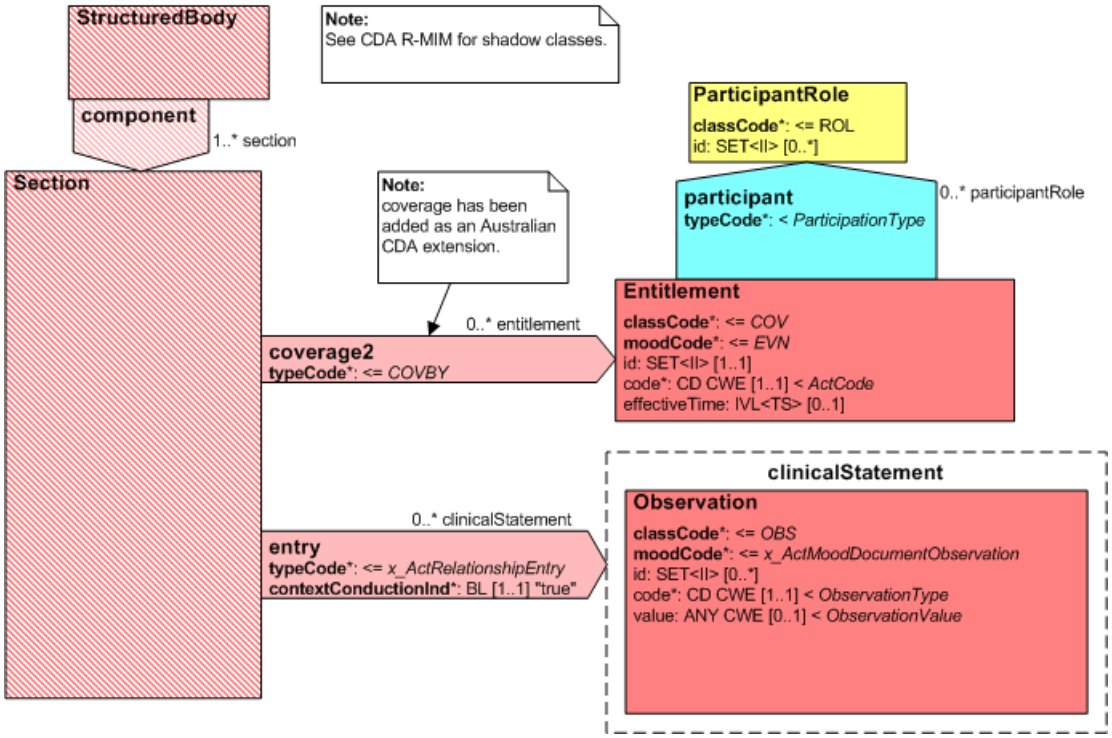


**Figure 6.4. Subject of Care - Body Data Elements**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | Context: ClinicalDocument/ | | |
| **Subject of Care** | Identifies the person about whom the health information contained in this Medicare Overview has been captured. | 1..1 | recordTarget/**patientRole** | | |
| n/a | n/a | 1..1 | recordTarget/patientRole/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | Required CDA element.<br><br>If there are any entitlements for Subject of Care this value **SHALL** be the same as: ClinicalDocument/ component/ structuredBody/ component[admin_obs]/ section/ entry/ act/ participant/ participantRole/ **id** where participantRole/ @classCode = "PAT". |
| Subject of Care > **Participation Type** | The categorisation of the nature of the participant's involvement in the healthcare event described by this participation. | 1..1 | n/a | Participation Type **SHALL** have an implementation-specific fixed value equivalent to "Subject of Care". | Not mapped directly, encompassed implicitly in recordTarget/ typeCode = "RCT" (optional, fixed value). |
| Subject of Care > **Role** | The involvement or role of the participant in the related action from a healthcare perspective rather than the specific participation perspective. | 1..1 | n/a | Role **SHALL** have an implementation-specific fixed value equivalent to "Patient". | Not mapped directly, encompassed implicitly in recordTarget/ patientRole/ classCode = "PAT" . |
| Subject of Care > **Participant** | Details pertinent to the identification of an individual or organisation or device that has participated in a healthcare event/encounter/clinical interaction. | 1..1 | recordTarget/patientRole/**patient** | | |
| Subject of Care > Participant > **Entity Identifier** | A number or code issued for the purpose of identifying a participant within a healthcare context. | 1..* | recordTarget/patientRole/patient/**<Entity Identifier>** | The value of one Entity Identifier **SHALL** be an Australian IHI. | See common pattern: Entity Identifier.<br><br>The Subject of Care's Medicare card number is recorded in Entitlement, not Entity Identifier. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > **Address** | The description of a location where an entity is located or can be otherwise reached or found and a description of the purpose for which that address is primarily used by that entity. | 0..* | recordTarget/patientRole/**<Address>** | AUSTRALIAN OR INTERNATIONAL ADDRESS **SHALL** be instantiated as an AUSTRALIAN ADDRESS. | See common pattern: Address. |
| Subject of Care > Participant > **Electronic Communication Detail** | The electronic communication details of entities. | 0..* | recordTarget/patientRole/**<Electronic Communication Detail>** | | See common pattern: Electronic Communication Detail. |
| Subject of Care > Participant > **Person or Organisation or Device** | Represents a choice to be made at run-time between PERSON, ORGANISATION or DEVICE. | 1..1 | n/a | PERSON OR ORGANISATION OR DEVICE **SHALL** be instantiated as a PERSON. | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Subject of Care > Participant > Person or Organisation or Device > **Person** | An individual who is in the role of healthcare provider, who uses or is a potential user of a healthcare service, or is in some way related to, or a representative of, a subject of care (patient). | 1..1 | n/a | | Not mapped directly, encompassed implicitly in recordTarget/patientRole/ patient. |
| Subject of Care > Participant > Person or Organisation or Device > Person > **Person Name** | The appellation by which an individual may be identified separately from any other within a social context. | 1..* | recordTarget/patientRole/patient/**<Person Name>** | | See common pattern: Person Name. |
| Subject of Care > Participant > Person or Organisation or Device > Person > **Demographic Data** | Additional characteristics of a person that may be useful for identification or other clinical purposes. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Sex** | The biological distinction between male and female. Where there is inconsistency between anatomical and chromosomal characteristics, sex is based on anatomical characteristics. | 1..1 | recordTarget/patientRole/patient/**administrativeGenderCode** | AS 5017-2006 Health Care Client Identifier Sex | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Date of Birth Detail** | Details of the accuracy, origin and value of a person's date of birth. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Birth Detail > **Date of Birth** | The date of birth of the person. | 1..1 | recordTarget/patientRole/patient/**birthTime** | | See <time> for available attributes. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[admin_obs]/section/ (See 4 *Administrative Observations*) | | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Birth Detail > **Date of Birth is Calculated From Age** | Indicates whether or not a person's date of birth has been derived from the value in the Age data element. | 0..1 | **entry[calc_age]** | | |
| | | | entry[calc_age]/**observation** | | |
| | | | entry[calc_age]/observation/**@classCode="OBS"** | | |
| | | | entry[calc_age]/observation/**@moodCode="EVN"** | | |
| | | | entry[calc_age]/observation/**code** | | |
| | | | entry[calc_age]/observation/code/**@code="103.16233"** | | |
| | | | entry[calc_age]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[calc_age]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[calc_age]/observation/code/**@displayName="Date of Birth is Calculated From Age"** | | |
| | | | entry[calc_age]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[calc_age]/observation/**value:BL** | | If the date of birth has been calculated from age this is true, otherwise it is false. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Birth Detail > **Date of Birth Accuracy Indicator** | The level of certainty or estimation of a person's date of birth. | 0..1 | **entry[dob_acc]** | | |
| | | | entry[dob_acc]/**observation** | | |
| | | | entry[dob_acc]/observation/**@classCode="OBS"** | | |
| | | | entry[dob_acc]/observation/**@moodCode="EVN"** | | |
| | | | entry[dob_acc]/observation/**code** | | |
| | | | entry[dob_acc]/observation/code/**@code="102.16234"** | | |
| | | | entry[dob_acc]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[dob_acc]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[dob_acc]/observation/code/**@displayName="Date of Birth Accuracy Indicator"** | | |
| | | | entry[dob_acc]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[dob_acc]/observation/**value:CS** | AS 5017-2006 Health Care Client Identifier Date Accuracy Indicator | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Birth Detail > Date of Birth Accuracy Indicator > **Date of Birth Day Accuracy Indicator** | The accuracy of the day component of a person's date of birth. | 1..1 | n/a | | Encompassed in the mapping for Date of Birth Accuracy Indicator (above). |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Birth Detail > Date of Birth Accuracy Indicator > **Date of Birth Month Accuracy Indicator** | The accuracy of the month component of a person's date of birth. | 1..1 | n/a | | Encompassed in the mapping for Date of Birth Accuracy Indicator (above). |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Birth Detail > Date of Birth Accuracy Indicator > **Date of Birth Year Accuracy Indicator** | The accuracy of the year component of a person's date of birth. | 1..1 | n/a | | Encompassed in the mapping for Date of Birth Accuracy Indicator (above). |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Age Detail** | Details of the accuracy and value of a person's age. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Age Detail > **Age** | The age of a person/subject of care at the time. | 1..1 | **entry[age]** | | |
| | | | entry[age]/**observation** | | |
| | | | entry[age]/observation/**@classCode="OBS"** | | |
| | | | entry[age]/observation/**@moodCode="EVN"** | | |
| | | | entry[age]/observation/**code** | | |
| | | | entry[age]/observation/code/**@code="103.20109"** | | |
| | | | entry[age]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[age]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[age]/observation/code/**@displayName="Age"** | | |
| | | | entry[age]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[age]/observation/**value:PQ** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Age Detail > **Age Accuracy Indicator** | The accuracy of a person's age. | 0..1 | **entry[age_acc]** | | |
| | | | entry[age_acc]/**observation** | | |
| | | | entry[age_acc]/observation/**@classCode="OBS"** | | |
| | | | entry[age_acc]/observation/**@moodCode="EVN"** | | |
| | | | entry[age_acc]/observation/**code** | | |
| | | | entry[age_acc]/observation/code/**@code="103.16279"** | | |
| | | | entry[age_acc]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[age_acc]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[age_acc]/observation/code/**@displayName="Age Accuracy Indicator"** | | |
| | | | entry[age_acc]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[age_acc]/observation/**value:BL** | | If the age is considered to be accurate, this is true, otherwise it is false. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Birth Plurality** | An indicator of multiple birth, showing the total number of births resulting from a single pregnancy. | 0..1 | **entry[brth_plr]** | | |
| | | | entry[brth_plr]/**observation** | | |
| | | | entry[brth_plr]/observation/**@classCode="OBS"** | | |
| | | | entry[brth_plr]/observation/**@moodCode="EVN"** | | |
| | | | entry[brth_plr]/observation/**code** | | |
| | | | entry[brth_plr]/observation/code/**@code="103.16249"** | | |
| | | | entry[brth_plr]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[brth_plr]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[brth_plr]/observation/code/**@displayName="Birth Plurality"** | | |
| | | | entry[brth_plr]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[brth_plr]/observation/**value:INT** | | |
| **CDA Header Data Elements** | | | Context: ClinicalDocument/ | | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Birth Order** | The sequential order of each baby of a multiple birth regardless of live or still birth. | 0..1 | recordTarget/patientRole/patient/**ext:multipleBirthInd** | | See Australian CDA extension: Multiple Birth. |
| | | | recordTarget/patientRole/patient/**ext:multipleBirthOrderNumber** | | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Date of Death Detail** | Details of the accuracy and value of a person's date of death. | 0..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Death Detail > **Date of Death** | The date or date and time at which a person was estimated or certified to have died. | 1..1 | recordTarget/patientRole/patient/**ext:deceasedInd** | | See Australian CDA extension: Deceased Time. |
| | | | recordTarget/patientRole/patient/**ext:deceasedTime** | | See <time> for available attributes. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[admin_obs]/section/ (See 4 *Administrative Observations*) | | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Death Detail > **Date of Death Accuracy Indicator** | The level of certainty or estimation of a person's date of death. | 0..1 | **entry[dod_acc]** | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| | | | entry[dod_acc]/**observation** | | |
| | | | entry[dod_acc]/observation/**@classCode="OBS"** | | |
| | | | entry[dod_acc]/observation/**@moodCode="EVN"** | | |
| | | | entry[dod_acc]/observation/**code** | | |
| | | | entry[dod_acc]/observation/code/**@code="102.16252"** | | |
| | | | entry[dod_acc]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[dod_acc]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[dod_acc]/observation/code/**@displayName="Date of Death Accuracy Indicator"** | | |
| | | | entry[dod_acc]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[doc_acc]/observation/**value:CS** | AS 5017-2006 Health Care Client Identifier Date Accuracy Indicator | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Death Detail > Date of Death Accuracy Indicator > **Date of Death Day Accuracy Indicator** | The accuracy of the day component of a person's date of death. | 1..1 | n/a | | Encompassed in the mapping for Date of Death Accuracy Indicator (above). |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Death Detail > Date of Death Accuracy Indicator > **Date of Death Month Accuracy Indicator** | The accuracy of the month component of a person's date of death. | 1..1 | n/a | | Encompassed in the mapping for Date of Death Accuracy Indicator (above). |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > Date of Death Detail > Date of Death Accuracy Indicator > **Date of Death Year Accuracy Indicator** | The accuracy of the year component of a person's date of death. | 1..1 | n/a | | Encompassed in the mapping for Date of Death Accuracy Indicator (above). |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Source of Death Notification** | The person, location, organisation or other originator of information relating to the date of death. | 0..1 | **entry[src_notif]** | | |
| | | | entry[src_notif]/**observation** | | |
| | | | entry[src_notif]/observation/**@classCode="OBS"** | | |
| | | | entry[src_notif]/observation/**@moodCode="EVN"** | | |
| | | | entry[src_notif]/observation/**code** | | |
| | | | entry[src_notif]/observation/code/**@code="103.10243"** | | |
| | | | entry[src_notif]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[src_notif]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[src_notif]/observation/code/**@displayName="Source of Death Notification"** | | |
| | | | entry[src_notif]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[src_notif]/observation/**value:CD** | AS 5017-2006: Health Care Client Source of Death Notification | See <code> for available attributes. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Mother's Original Family Name** | The original family name of the person's mother. | 0..1 | **entry[mothers_name]** | | |
| | | | entry[mothers_name]/**observation** | | |
| | | | entry[mothers_name]/observation/**@classCode="OBS"** | | |
| | | | entry[mothers_name]/observation/**@moodCode="EVN"** | | |
| | | | entry[mothers_name]/observation/**code** | | |
| | | | entry[mothers_name]/observation/code/**@code="103.10245"** | | |
| | | | entry[mothers_name]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[mothers_name]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[mothers_name]/observation/code/**@displayName="Mother's Original Family Name"** | | |
| | | | entry[mothers_name]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[mothers_name]/observation/**value:PN** | | |
| **CDA Header Data Elements** | | | Context: ClinicalDocument/ | | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Country of Birth** | The country in which the person was born. | 0..1 | recordTarget/patientRole/patient/**birthplace/place/addr/country** | Standard Australian Classification of Countries (SACC) Cat. No. 1269 [ABS2008] | Use the name, not the numbered code. |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **State/Territory of Birth** | The identifier of the Australian state or territory where a person is born. | 0..1 | recordTarget/patientRole/patient/**birthplace/place/addr/state** | AS 5017-2006 Australian State/Territory Identifier - Postal | |
| Subject of Care > Participant > Person or Organisation or Device > Person > Demographic Data > **Indigenous Status** | Indigenous Status is a measure of whether a person identifies as being of Aboriginal or Torres Strait Islander origin. | 1..1 | recordTarget/patientRole/patient/**ethnicGroupCode** | METeOR 291036: Indigenous Status | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[admin_obs]/section/ | | |
| Subject of Care > Participant > **Entitlement** | The entitlement or right of a participant to act in a given capacity (as defined by Entitlement Type) within a healthcare context. | 0..* | **ext:coverage2/@typeCode="COVBY"** | | See Australian CDA extension: Entitlement. |
| | | | ext:coverage2/**ext:entitlement** | | |
| | | | ext:coverage2/ext:entitlement/**@classCode="COV"** | | |
| | | | ext:coverage2/ext:entitlement/**@moodCode="EVN"** | | |
| | | | ext:coverage2/ext:entitlement/**ext:participant/@typeCode="BEN"** | | |
| | | | ext:coverage2/ext:entitlement/ext:participant/**ext:participantRole/@classCode="PAT"** | | |
| | | | ext:coverage2/ext:entitlement/ext:participant/ext:participantRole/**ext:id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | **SHALL** hold the same value as ClinicalDocument/ recordTarget/ patientRole/ **id**. |
| Subject of Care > Participant > Entitlement > **Entitlement Number** | A number or code issued for the purpose of identifying the entitlement or right of a participant to act in a given capacity (as defined by Entitlement Type) within a healthcare context. | 1..1 | ext:coverage2/ext:entitlement/**ext:id** | | |
| Subject of Care > Participant > Entitlement > **Entitlement Type** | The description of the scope of an entitlement. | 1..1 | ext:coverage2/ext:entitlement/**ext:code** | | See <code> for available attributes. |
| Subject of Care > Participant > Entitlement > **Entitlement Validity Duration** | The time interval for which an entitlement is valid. | 0..1 | ext:coverage2/ext:entitlement/**ext:effectiveTime** | | See <time> for available attributes. |

### Example 6.3. Subject of Care XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 …

 <!-- Begin CDA Header -->
 <!-- Begin Subject of Care - Header Part -->
 <recordTarget>
  <patientRole>
   <!-- This system generated id is used for matching patient details such as Entitlement, Date of Birth Details and Age Details -->
   <id root="7AA0BAAC-0CD0-11E0-9516-4350DFD72085"/>

   <!-- Address -->
   <addr use="H">
    <streetAddressLine>1 Clinician Street</streetAddressLine>
    <city>Nehtaville</city>
    <state>QLD</state>
    <postalCode>5555</postalCode>
    <additionalLocator>32568931</additionalLocator>
    <country>Australia</country>
   </addr>

   <!-- Electronic Communication Detail -->
   <telecom use="H" value="tel:0499999999"/>

   <!-- Participant -->
   <patient>

    <!-- Person Name -->
    <name use="L">
     <prefix>Ms</prefix>
     <given>Sally</given>
     <family>Grant</family>
    </name>

    <!-- Sex -->
    <administrativeGenderCode code="F" codeSystem="2.16.840.1.113883.13.68" codeSystemName="AS 5017-2006 Health Care Client Identifier Sex" displayName="Female" />

    <!-- Date of Birth -->
    <birthTime value="19480607"/>

    <!-- Indigenous Status -->
    <ethnicGroupCode code="4" codeSystem="2.16.840.1.113883.3.879.291036" codeSystemName="METeOR Indigenous Status" displayName="Neither Aboriginal nor Torres Strait Islander origin" />

    <!-- Multiple Birth Indicator -->
    <ext:multipleBirthInd value="true"/>
    <ext:multipleBirthOrderNumber value="2"/>

    <!-- Date of Death -->
    <ext:deceasedInd value="true"/>
    <ext:deceasedTime value="20101201"/>

    <!-- Country of Birth -->
    <birthplace>
     <place>
      <addr>
       <country>Australia</country>
```

```
      <state>QLD</state>
     </addr>
    </place>
   </birthplace>

   <!-- Entity Identifier -->
   <ext:asEntityIdentifier classCode="IDENT">
    <ext:id assigningAuthorityName="IHI" root="1.2.36.1.2001.1003.0.8003608833357361"/>
    <ext:assigningGeographicArea classCode="PLC">
     <ext:name>National Identifier</ext:name>
    </ext:assigningGeographicArea>
   </ext:asEntityIdentifier>
  </patient>
 </patientRole>
</recordTarget>
<!-- End Subject of Care - Header Part -->
…

<!-- End CDA Header -->

<!-- Begin CDA Body -->
<component>
 <structuredBody>

  <!-- Begin Section Administrative Observations -->
  <component>
   <section>
    <id root="88CDBCA4-EFD1-11DF-8DE4-E4CDDFD72085"/>
    <code code="102.16080" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Administrative Observations"/>
    <title>Administrative Observations</title>

    <!-- Narrative text -->
    <text>
     <table>
      <tbody>
       <tr>
        <th>Date of Birth is Calculated From Age</th>
        <td>True</td>
       </tr>
       <tr>
        <th>Date of Birth Accuracy Indicator</th>
        <td>AAA</td>
       </tr>
       <tr>
        <th>Age</th>
        <td>54</td>
       </tr>
       <tr>
        <th>Age Accuracy Indicator</th>
        <td>True</td>
       </tr>
       <tr>
        <th>Birth Plurality</th>
        <td>3</td>
       </tr>
       <tr>
        <th>Date of Death Accuracy Indicator</th>
        <td>Accurate date</td>
       </tr>
       <tr>
        <th>Source of Death Notification</th>
        <td>Unknown</td>
       </tr>
       <tr>
        <th>Mother's Original Family Name</th>
```

```
    <td>Liza Citizen</td>
   </tr>
   <tr>
    <th>Australian Medicare Number</th>
    <td>123456789</td>
   </tr>
  </tbody>
 </table>
</text>

<!-- Begin Subject of Care – Body -->
<!-- Begin Date of Birth is Calculated From Age -->
<entry>
 <observation classCode="OBS" moodCode="EVN">
  <!-- ID is used for system purposes such as matching -->
  <id root="DA10C13E-EFD0-11DF-91AF-B5CCDFD72085" />
  <code code="103.16233" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Date of Birth is Calculated From Age" />
  <value value="true" xsi:type="BL" />
 </observation>
</entry>
<!-- End Date of Birth is Calculated From Age -->

<!-- Date of Birth Accuracy Indicator-->
<entry>
 <observation classCode="OBS" moodCode="EVN">
  <!-- ID is used for system purposes such as matching -->
  <id root="D253216C-EFD0-11DF-A686-ADCCDFD72085" />
  <code code="102.16234" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Date of Birth Accuracy Indicator" />
  <value code="AAA" xsi:type="CS" />
 </observation>
</entry>

<!-- Age -->
<entry>
 <observation classCode="OBS" moodCode="EVN">
  <!-- ID is used for system purposes such as matching -->
  <id root="CCF0D55C-EFD0-11DF-BEA2-A6CCDFD72085" />
  <code code="103.20109" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Age" />
  <value unit="a" value="54" xsi:type="PQ" />
 </observation>
</entry>

<!-- Age Accuracy Indicator -->
<entry>
 <observation classCode="OBS" moodCode="EVN">
  <!-- ID is used for system purposes such as matching -->
  <id root="C629C9F4-EFD0-11DF-AA9E-96CCDFD72085" />
  <code code="103.16279" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Age Accuracy Indicator" />
  <value value="true" xsi:type="BL" />
 </observation>
</entry>

<!-- Birth Plurality -->
<entry>
 <observation classCode="OBS" moodCode="EVN">
  <!-- ID is used for system purposes such as matching -->
  <id root="C1EE2646-EFD0-11DF-8D9C-95CCDFD72085" />
  <code code="103.16249" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Birth Plurality" />
  <value value="3" xsi:type="INT" />
 </observation>
</entry>

<!-- Date of Death Accuracy Indicator-->
<entry>
 <observation classCode="OBS" moodCode="EVN">
```

```
        <!-- ID is used for system purposes such as matching -->
        <id root="D253216C-EFD0-11DF-A686-ADCCDFD72085" />
        <code code="102.16252" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Date of Death Accuracy Indicator" />
        <value code="AAA" xsi:type="CS" />
       </observation>
      </entry>

      <!-- Source of Death Notification-->
      <entry>
       <observation classCode="OBS" moodCode="EVN">
        <!-- ID is used for system purposes such as matching -->
        <id root="D253216C-EFD0-11DF-A686-ae567D72085" />
        <code code="103.10243" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Source of Death Notification" />
        <value code="U"  codeSystem="2.16.840.1.113883.13.64" codeSystemName="AS 5017-2006 Health Care Client Source of Death Notification" displayName="Unknown" xsi:type="CD" />
       </observation>
      </entry>

      <!-- Mother's Original Family Name-->
      <entry>
       <observation classCode="OBS" moodCode="EVN">
        <!-- ID is used for system purposes such as matching -->
        <id root="D253216C-EFD0-11DF-A686-A87564DFD72085" />
        <code code="103.10245" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Mother's Original Family Name" />
        <value xsi:type="PN">
         <given>Liza</given>
         <family>Citizen</family>
        </value>
       </observation>
      </entry>

      <!-- Entitlement -->
      <ext:coverage2 typeCode="COVBY">
       <ext:entitlement classCode="COV" moodCode="EVN">
        <ext:id assigningAuthorityName="Australian Medicare number" extension="12345678921" root="1.2.36.1.5001.1.0.7" />
        <ext:code code="1" codeSystem="1.2.36.1.2001.1001.101.104.16047" codeSystemName="NCTIS Entitlement Type Values" displayName="Medicare Benefits"/>
        <ext:effectiveTime>
         <high value="20110101"/>
        </ext:effectiveTime>
        <ext:participant typeCode="BEN">
         <ext:participantRole classCode="PAT">
          <ext:id root="7AA0BAAC-0CD0-11E0-9516-4350DFD72085" />
         </ext:participantRole>
        </ext:participant>
       </ext:entitlement>
      </ext:coverage2>
      <!-- End Subject of Care – Body -->

     </section>
    </component>
    <!-- End Section Administrative Observations -->
    …

   </structuredBody>
  </component>
  <!-- End CDA Body -->

</ClinicalDocument>
```

# 7 Content Data Specification - CDA Mapping

## 7.1 Medicare Overview

### Identification

| | |
|---|---|
| **Name** | MEDICARE OVERVIEW |
| **Metadata Type** | Structured Document |
| **Identifier** | SD-16767 |

### Relationships

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) | 0..1 |
| | MEDICARE/DVA FUNDED SERVICES HISTORY | 0..1 |
| | PHARMACEUTICAL BENEFITS HISTORY | 0..1 |
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY | 0..1 |
| | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION | 0..1 |

# CDA R-MIM Representation

Figure 7.1, “Medicare Overview” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The Medicare Overview is composed of a ClinicalDocument, which is the entry point into the CDA R-MIM. The ClinicalDocument is associated with the bodyChoice through the component relationship. The structuredBody class represents a CDA document body that is comprised of one or more document sections.

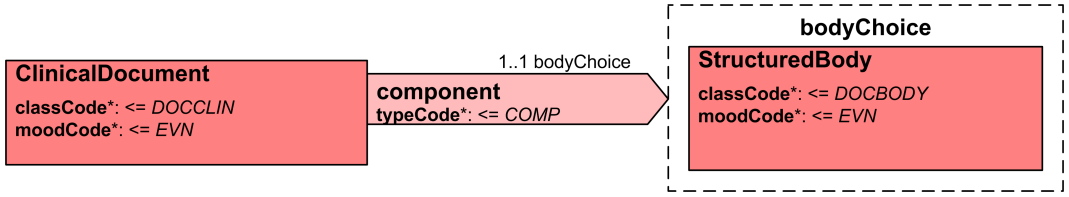


**Figure 7.1. Medicare Overview**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Header Data Elements** | | | | | |
| **Medicare Overview** | The Medicare Overview provides Medicare Benefits Scheme (MBS) claims history, Pharmaceutical Benefits Scheme (PBS) and Repatriation Pharmaceutical Benefits Scheme (RPBS) claims history, Australian Childhood Immunisation Register (ACIR) history and Australian Organ Donor Register (AODR) information that is in the individual's PCEHR. | 1..1 | **ClinicalDocument** | | |
| **CDA Body Level 2 Data Elements** | | | | | |
| Medicare Overview (Body) | See above. | 1..1 | ClinicalDocument/**component/structuredBody** | | This structuredBody **SHALL** contain either exactly one instance of Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) or exactly one instance of each of the following sections:<br>• MEDICARE/DVA FUNDED SERVICES HISTORY<br>• PHARMACEUTICAL BENEFITS HISTORY<br>• AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY<br>• AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION |

### Example 7.1. Medicare Overview Body XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
   …

   <!-- Begin CDA Header -->
      …

   <!-- End CDA Header -->

   <!-- Begin CDA Body -->
   <component>
      <structuredBody>
         …

      </structuredBody>
   </component>
   <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.1 Medicare Overview Exclusion Statement (EXCLUSION STATEMENT)

## Identification

| | |
|---|---|
| **Name** | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16134 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 0..1 |

# CDA R-MIM Representation

Figure 7.2, “Medicare Overview Exclusion Statement (EXCLUSION STATEMENT)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) data group is represented by an observation class and is related to its containing section by an entry relationship.

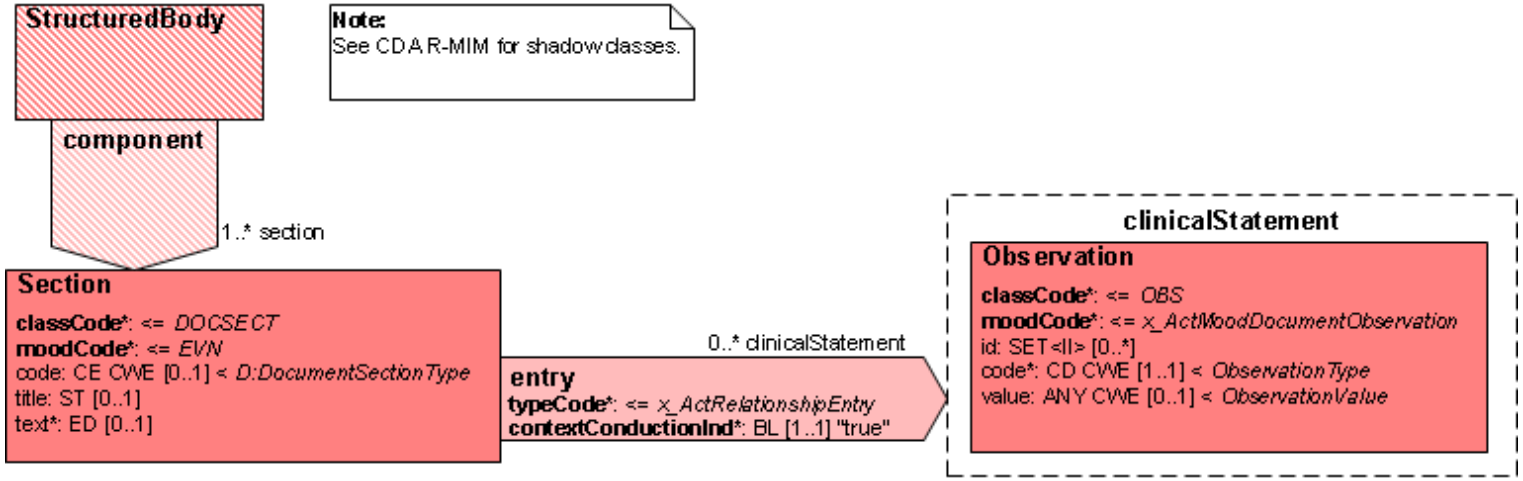


**Figure 7.2. Medicare Overview Exclusion Statement (EXCLUSION STATEMENT)**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/ | | |
| **Medicare Overview Exclusion Statement (EXCLUSION STATEMENT)** | An explicit statement about the absence of information. | 0..1 | **component[mov_exc_statement]/section** | | |
| | | | component[mov_exc_statement]/section/**code** | | |
| | | | component[mov_exc_statement]/section/code/**@code="102.16134.172.1.3"** | | |
| | | | component[mov_exc_statement]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[mov_exc_statement]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[mov_exc_statement]/section/code/**@displayName="Medicare Overview Exclusion Statement"** | | |
| | | | component[mov_exc_statement]/section/**title** | The title **SHALL** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'Medicare Overview' | |
| | | | component[mov_exc_statement]/section/**text** | The text **SHOULD** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'No Information Available.' | See Appendix A, *CDA Narratives* |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[mov_exc_statement]/section/ | | |
| Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) > **General Statement** | A general statement about the absence or exclusion of data values. | 1..1 | entry[gnl_stat]/**observation** | | |
| | | | entry[gnl_stat]/observation/**@classCode="OBS"** | | |
| | | | entry[gnl_stat]/observation/**@moodCode="EVN"** | | |
| | | | entry[gnl_stat]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[gnl_stat]/observation/**code** | | |
| | | | entry[gnl_stat]/observation/code/**@code="103.16135.172.1.3"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[gnl_stat]/observation/code/**@displayName="General Statement"** | | |
| | | | entry[gnl_stat]/observation/**value:ST** | | |

### Example 7.2. Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin Medicare Information View Exclusion Statement (EXCLUSION STATEMENT) -->
   <component>
    <section>
     <code code="102.16134.172.1.3" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Medicare Overview Exclusion Statement" />
     <title>Medicare Overview</title>
     <text>No Information Available</text>
     <!-- Begin Exclusion Statement - General Statement -->
     <entry>
      <observation classCode="OBS" moodCode="EVN">
       <!-- ID is used for system purposes such as matching -->
       <id root="D1645208-09A6-11E1-8B51-296A4824019B"/>
       <code code="103.16135.172.1.3" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="General Statement" />
       <value xsi:type="ST">No Information Available</value>
      </observation>
     </entry>
     <!-- End Exclusion Statement - General Statement -->
    </section>
   </component>
   <!-- End Medicare Information View Exclusion Statement (EXCLUSION STATEMENT) -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.2 MEDICARE/DVA FUNDED SERVICES HISTORY

## Identification

| | |
|---|---|
| **Name** | MEDICARE/DVA FUNDED SERVICES HISTORY |
| **Metadata Type** | Section |
| **Identifier** | S-16780 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 0..1 |

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | EXCLUSION STATEMENT | 0..1 |
| | MEDICARE/DVA FUNDED SERVICES | 0..1 |

# CDA R-MIM Representation

Figure 7.3, “MEDICARE/DVA FUNDED SERVICES HISTORY” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The MEDICARE/DVA FUNDED SERVICES HISTORY section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship.

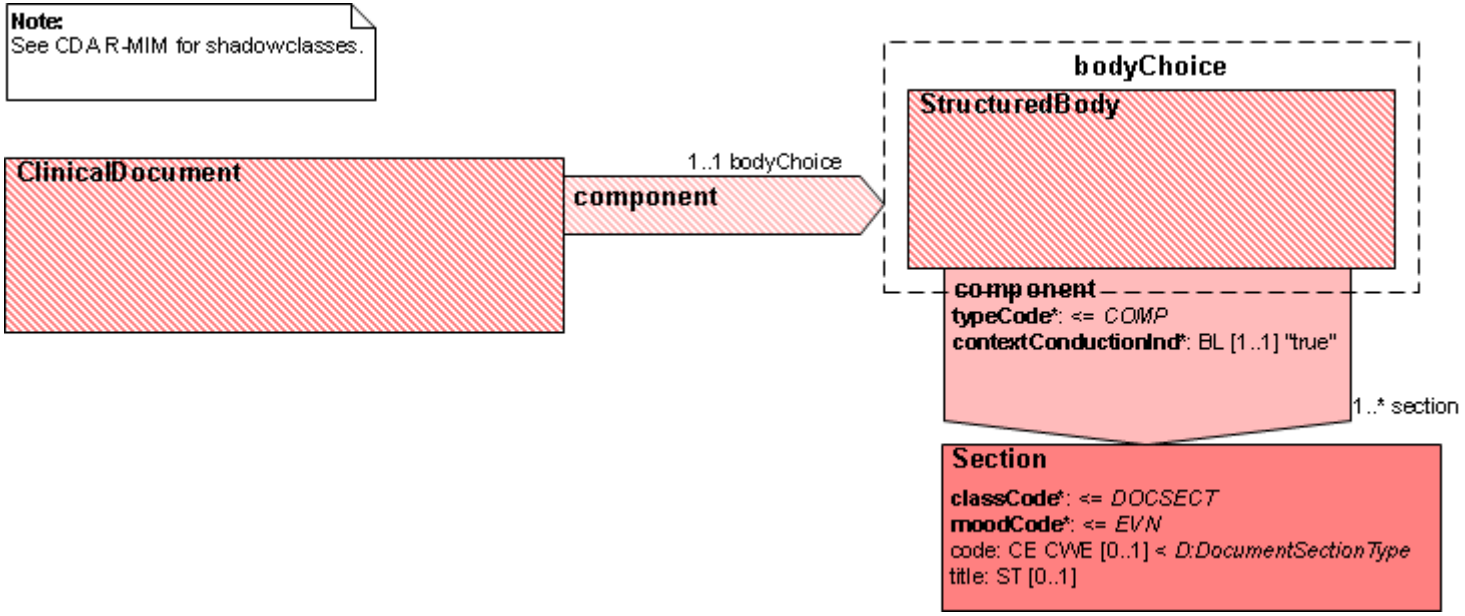


**Figure 7.3. MEDICARE/DVA FUNDED SERVICES HISTORY**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/ | | |
| **MEDICARE/DVA FUNDED SERVICES HISTORY** | Information held by the Department of Human Services about healthcare services provided to an individual that have been funded in part or in full by Medicare or the Department of Veterans' Affairs (DVA). | 0..1 | component[med_dva]/**section** | | Each instance of this section **SHALL** contain either exactly one instance of EXCLUSION STATEMENT OR exactly one instance of MEDICARE/DVA FUNDED SERVICES. |
| | | | component[med_dva]/section/**code** | | |
| | | | component[med_dva]/section/code/**@code="101.16780"** | | |
| | | | component[med_dva]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[med_dva]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[med_dva]/section/code/**@displayName="Medicare/DVA Funded Services History"** | | |
| | | | component[med_dva]/section/**title="Medicare Services - MBS and DVA Items"** | | This **SHALL** be an exact match as specified in the section/title. |
| MEDICARE/DVA FUNDED SERVICES HISTORY > **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | See: EXCLUSION STATEMENT | | |
| MEDICARE/DVA FUNDED SERVICES HISTORY > **MEDICARE/DVA FUNDED SERVICES** | Information held by the Department of Human Services about healthcare services provided to an individual that have been funded in part or in full by Medicare or the Department of Veterans' Affairs (DVA). | 0..1 | See: MEDICARE/DVA FUNDED SERVICES | | |

### Example 7.3. MEDICARE/DVA FUNDED SERVICES HISTORY XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
     <code code="101.16780" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Medicare/DVA Funded Services History" />
     <title>Medicare Services - MBS and DVA Items</title>
     …

    </section>
   </component>
   <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.2.1 EXCLUSION STATEMENT

## Identification

| | |
|---|---|
| **Name** | EXCLUSION STATEMENT |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16134 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICES HISTORY | 0..1 |

## CDA R-MIM Representation

Figure 7.4, “EXCLUSION STATEMENT” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The EXCLUSION STATEMENT data group is represented by an observation class and is related to its containing section by an entry relationship.

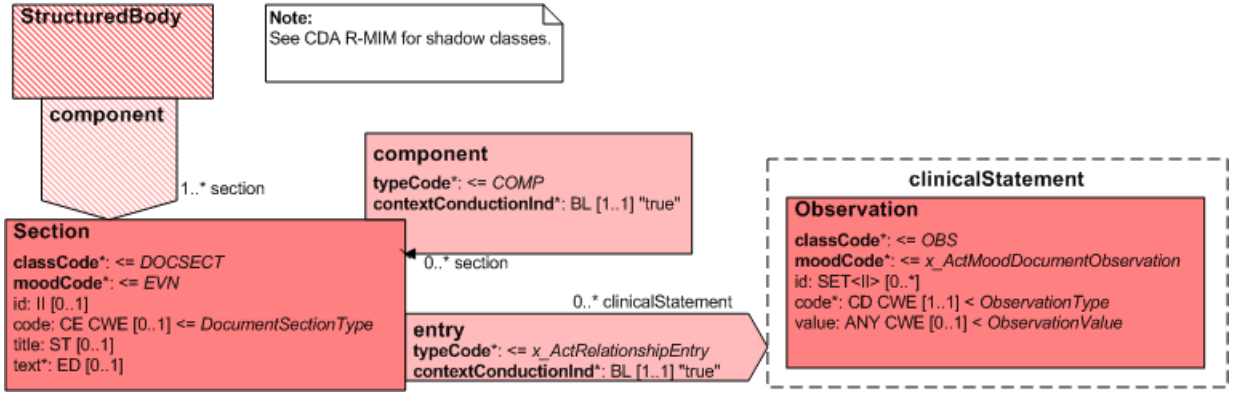


**Figure 7.4. EXCLUSION STATEMENT**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/ | | |
| **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | **component[dva_excl]/section** | | |
| | | | component[dva_excl]/section/**code** | | |
| | | | component[dva_excl]/section/code/**@code="102.16134.172.1.5"** | | |
| | | | component[dva_excl]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[dva_excl]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[dva_excl]/section/code/**@displayName="Exclusion Statement"** | | |
| | | | component[dva_excl]/section/**title** | The title **SHALL** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'Medicare Services - MBS & DVA items' | |
| | | | component[dva_excl]/section/**text** | The text **SHOULD** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'No Information Available.' | See Appendix A, *CDA Narratives* |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_excl]/section/ | | |
| EXCLUSION STATEMENT > **General Statement** | A general statement about the absence or exclusion of data values. | 1..1 | entry[gnl_stat]/**observation** | | |
| | | | entry[gnl_stat]/observation/**@classCode="OBS"** | | |
| | | | entry[gnl_stat]/observation/**@moodCode="EVN"** | | |
| | | | entry[gnl_stat]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[gnl_stat]/observation/**code** | | |
| | | | entry[gnl_stat]/observation/code/**@code="103.16135.172.1.5"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[gnl_stat]/observation/code/**@displayName="General Statement"** | | |
| | | | entry[gnl_stat]/observation/**value:ST** | | |

### Example 7.4. EXCLUSION STATEMENT XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
     …

     <!-- NOTE: This Exclusion Statement is provided for illustrative purpose only. This section component cannot contain both the section for Exclusion Statement and
     the section for Medicare/DVA Funded Services -->
     <!-- Begin EXCLUSION STATEMENT -->
     <component>
      <section>
       <code code="102.16134.172.1.5" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Exclusion Statement"/>
       <title>Medicare Services - MBS and DVA Items</title>
       <text>No Information Available</text>
       <!-- Begin EXCLUSION STATEMENT - General Statement -->
       <entry>
        <observation classCode="OBS" moodCode="EVN">
         <!-- ID is used for system purposes such as matching -->
         <id root="55d57cf0-2c70-11e2-81c1-0800200c9a66"/>
         <code code="103.16135.172.1.5" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="General Statement"/>
         <value xsi:type="ST">No Information Available</value>
        </observation>
       </entry>
       <!-- End EXCLUSION STATEMENT- General Statement -->
      </section>
     </component>
     <!-- End EXCLUSION STATEMENT -->

    </section>
   </component>
   <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.2.2 MEDICARE/DVA FUNDED SERVICES

## Identification

| | |
|---|---|
| **Name** | MEDICARE/DVA FUNDED SERVICES |
| **Metadata Type** | Section |
| **Identifier** | S-16643 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICES HISTORY | 0..1 |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICE | 1..* |

## CDA R-MIM Representation

Figure 7.5, “MEDICARE/DVA FUNDED SERVICES” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The MEDICARE/DVA FUNDED SERVICES section is mapped to a CDA section.

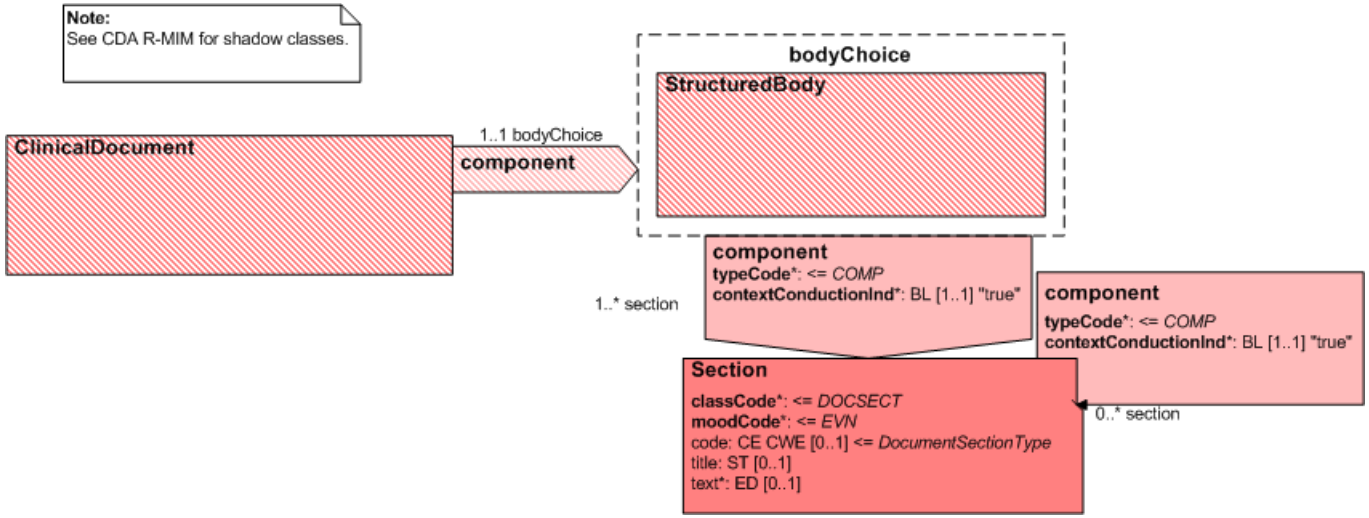


**Figure 7.5. MEDICARE/DVA FUNDED SERVICES**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/ | | |
| **MEDICARE/DVA FUNDED SERVICES** | Information held by the Department of Human Services about healthcare services provided to an individual that have been funded in part or in full by Medicare or the Department of Veterans' Affairs (DVA). | 0..1 | component[dva_services]/**section** | | |
| | | | component[dva_services]/section/**code** | | |
| | | | component[dva_services]/section/code/**@code="101.16643"** | | |
| | | | component[dva_services]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[dva_services]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[dva_services]/section/code/**@displayName="Medicare/DVA Funded Services"** | | |
| | | | component[dva_services]/section/**title="Medicare Services - MBS and DVA Items"** | | This **SHALL** be an exact match as specified in the section/title. |
| | | | component[dva_services]/section/**text** | | See Appendix A, *CDA Narratives* |
| MEDICARE/DVA FUNDED SERVICES > **MEDICARE/DVA FUNDED SERVICE** | Information held by the Department of Human Services about a healthcare service provided to an individual that has been funded in part or in full by Medicare or the Department of Veterans' Affairs (DVA). | 1..* | See: MEDICARE/DVA FUNDED SERVICE | | |

### Example 7.5. MEDICARE/DVA FUNDED SERVICES XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
        …

     <!-- Begin MEDICARE/DVA FUNDED SERVICES -->
     <component>
      <section>
       <code code="101.16643" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Medicare/DVA Funded Services"/>
       <title>Medicare Services - MBS and DVA Items</title>
       <text>The narrative text goes here</text>
       …

      </section>
     </component>
     <!-- End MEDICARE/DVA FUNDED SERVICES -->

    </section>
   </component>
   <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.2.2.1 MEDICARE/DVA FUNDED SERVICE

## Identification

| | |
|---|---|
| **Name** | MEDICARE/DVA FUNDED SERVICE |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16639 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICES | 1..* |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | Medicare/DVA Funded Service Document Link (LINK) | 1..1 |

## CDA R-MIM Representation

Figure 7.6, “MEDICARE/DVA FUNDED SERVICE” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The MEDICARE/DVA FUNDED SERVICE data group is mapped to an Encounter.

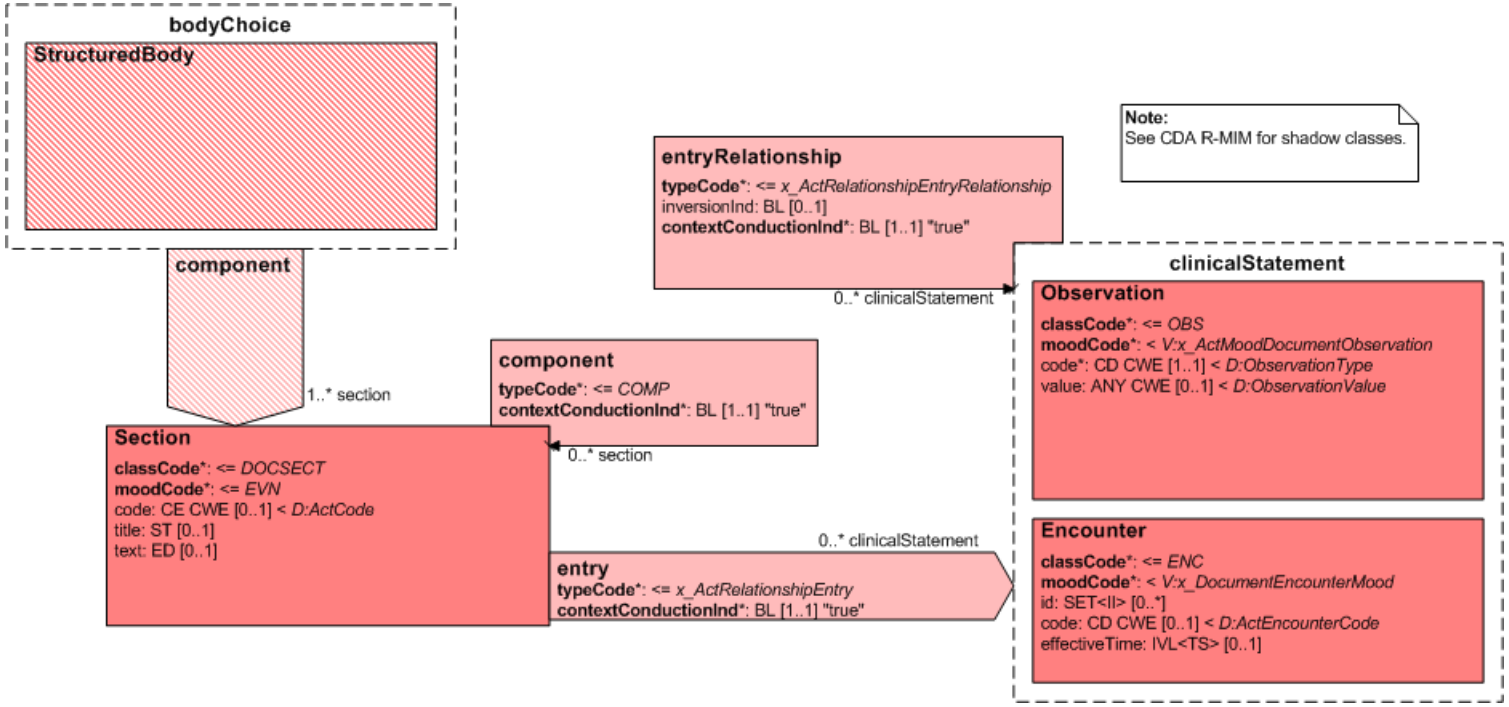


**Figure 7.6. MEDICARE/DVA FUNDED SERVICE**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_services]/section/ | | |
| **MEDICARE/DVA FUNDED SERVICE** | Information held by the Department of Human Services about a healthcare service provided to an individual that has been funded in part or in full by Medicare or the Department of Veterans' Affairs (DVA). | 1..* | **entry[med_ben]** | | |
| | | | entry[med_ben]/**encounter** | | |
| | | | entry[med_ben]/encounter/**@classCode="ENC"** | | |
| | | | entry[med_ben]/encounter/**@moodCode="EVN"** | | |
| | | | entry[med_ben]/encounter/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | The "id" element is not specified in the SCS and should be filled with a UUID if it is necessary to reference the encounter from other places in the CDA document. |
| MEDICARE/DVA FUNDED SERVICE > **Date of Service** | The recorded date the service was supplied. | 1..1 | entry[med_ben]/encounter/**effectiveTime** | | See <time> for available attributes. |
| MEDICARE/DVA FUNDED SERVICE > **Medicare MBS/DVA Item** | The Medicare MBS or DVA item number and a short description of the service provided. | 1..1 | entry[med_ben]/encounter/**code** | | See <code> for available attributes. |
| | | | entry[med_ben]/encounter/code/**@code="11709"** | This code will be taken from the Medicare MBS/DVA Item Values value domain. | Where 11709 = CONTINUOUS ECG RECORDING (Holter) of ambulatory patient for 12 or more hours. |
| | | | entry[med_ben]/encounter/code/**@codeSystem="1.2.36.1.2001.1005.21"** | | |
| | | | entry[med_ben]/encounter/code/**@codeSystemName="Australian MBS Code"** | | |
| | | | entry[med_ben]/encounter/code/**@displayName="Australian MBS Code"** | This text will be the short description of the service provided. | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| MEDICARE/DVA FUNDED SERVICE > **Service In Hospital Indicator** | Indicator to show whether the service was provided in a hospital. | 0..1 | **entry[med_ben]** | | |
| | | | entry[med_ben]/encounter/**entryRelationship[hos_ind]** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/**@typeCode="SUBJ"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/**observation** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/**@classCode="OBS"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/**@moodCode="EVN"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/**code** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/code/**@code="103.16642"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/code/**@codeSystem= "1.2.36.1.2001.1001.101"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/code/**@displayName="Service In Hospital Indicator"** | | |
| | | | entry[med_ben]/encounter/entryRelationship[hos_ind]/observation/**value:BL** | | This indicator is true if the service was provided in a hospital. |
| MEDICARE/DVA FUNDED SERVICE > **SERVICE REQUESTER** | The clinician or other healthcare specialist who requested the service. | 0..1 | See: SERVICE REQUESTER | | |
| MEDICARE/DVA FUNDED SERVICE > **SERVICE PROVIDER** | The individual who provided the service. | 0..1 | See: SERVICE PROVIDER | | |
| MEDICARE/DVA FUNDED SERVICES > **Medicare/DVA Funded Service Document Link (LINK)** | A link to an instance of another Detailed Clinical Model (DCM) or a document containing an instance of another DCM. | 1..1 | See: Medicare/DVA Funded Service Document Link (LINK) | | |

### Example 7.6. MEDICARE/DVA FUNDED SERVICE XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
     …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
     …

     <!-- Begin MEDICARE/DVA FUNDED SERVICES -->
     <component>
      <section>
       …

       <!-- Begin MEDICARE/DVA FUNDED SERVICE -->
       <entry>
        <encounter classCode="ENC" moodCode="EVN">
         <id root="DA10C13E-EFD0-11DF-91AF-B5CCDFD72085"/>

         <!-- Medicare MBS/DVA Item -->
         <code code="11709" codeSystem="1.2.36.1.2001.1005.21" codeSystemName="Australian MBS Code" displayName="Australian MBS Code"/>

         <!-- Date of Service -->
         <effectiveTime value="201110131130+1000"/>
         …

         <!-- Service In Hospital Indicator -->
         <entryRelationship typeCode="SUBJ">
          <observation classCode="OBS" moodCode="EVN">
           <code code="103.16642" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Service In Hospital Indicator"/>
           <value xsi:type="BL" value="true"/>
          </observation>
         </entryRelationship>
         …

        </encounter>
       </entry>
       <!-- End MEDICARE/DVA FUNDED SERVICE -->

      </section>
     </component>
     <!-- End MEDICARE/DVA FUNDED SERVICES -->

    </section>
   </component>
   <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
   …
```

```
  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

### 7.1.2.2.1.1 SERVICE REQUESTER

#### Identification

| | |
|---|---|
| **Name** | SERVICE REQUESTER |
| **Metadata Type** | Data Group |
| **Identifier** | DG-10296 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICE | 0..1 |

## CDA R-MIM Representation

Figure 7.7, “SERVICE REQUESTER” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The SERVICE REQUESTER data group is related to its context of Encounter by the participant participation class. A participant is a person in the role of ParticipantRole. The entity playing the role is PlayingEntity. The entity identifier of the participant is mapped to the EntityIdentifier class (Australian CDA Extension).

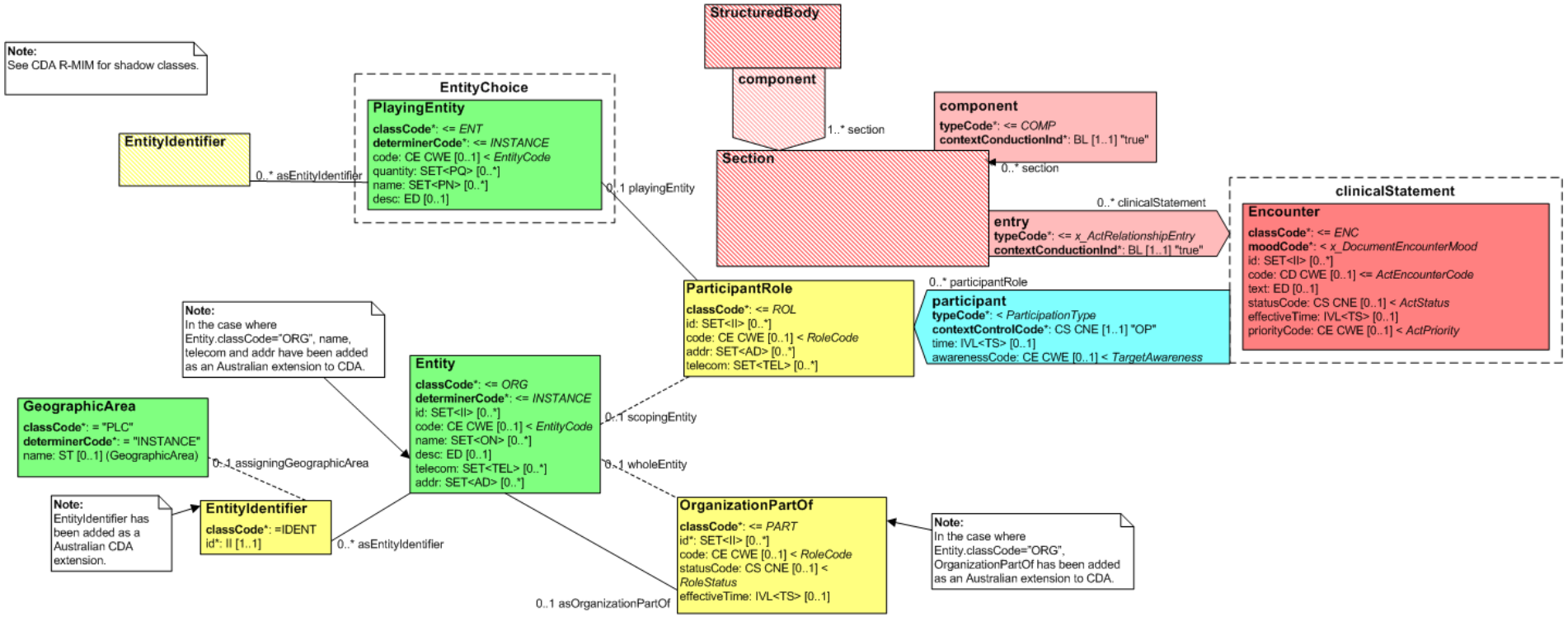


**Figure 7.7. SERVICE REQUESTER**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_services]/section/entry[med_ben]/encounter/ | | |
| **SERVICE REQUESTER** | The clinician or other healthcare specialist who requested the service. | 0..1 | **participant** | | |
| SERVICE REQUESTER > **Participation Period** | The time interval during which the participation in the health care event occurred. | 0..1 | participant/**time** | | |
| SERVICE REQUESTER > **Participation Type** | The categorisation of the nature of the participant's involvement in the healthcare event described by this participation. | 1..1 | participant/**@typeCode="REFB"** | Participation Type **SHALL** have an implementation-specific fixed value equivalent to "Service Requester". | |
| SERVICE REQUESTER > **Role** | The involvement or role of the participant in the related action from a healthcare perspective rather than the specific participation perspective. | 1..1 | participant/**participantRole/@classCode** | HL7:RoleClassCode - Associative | |
| n/a | n/a | 1..1 | participant/participantRole/**code** | Role **SHOULD** have a value chosen from 1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1 [ABS2009].<br><br>However, if a suitable value in this set cannot be found, then any code set that is both registered with HL7 and publicly available **MAY** be used. | See <code> for available attributes.<br><br>A relevant nullFlavor **MAY** be provided. |
| SERVICE REQUESTER > **Participant** | The clinician or other healthcare specialist who requested the service. | 0..1 | participant/participantRole/**playingEntity** | | See Australian CDA extension: Participant Entity Organization. |
| SERVICE REQUESTER > Participant > **Entity Identifier** | A number or code issued for the purpose of identifying a participant within a healthcare context. | 0..* | participant/participantRole/playingEntity/**<Entity Identifier>** | | See common pattern: Entity Identifier. |
| SERVICE REQUESTER > Participant > **Address** | The description of a location where an entity is located or can be otherwise reached or found and a description of the purpose for which that address is primarily used by that entity. | 0..* | participant/participantRole/**<Address>** | | See common pattern: Address. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| SERVICE REQUESTER > Participant > **Electronic Communication Detail** | The electronic communication details of entities. | 0..* | participant/participantRole/**<Electronic Communication Detail>** | | See common pattern: Electronic Communication Detail. |
| SERVICE REQUESTER > Participant > **Person or Organisation or Device** | Represents a choice to be made at run-time between PERSON, ORGANISATION or DEVICE. | 1..1 | n/a | PERSON OR ORGANISATION OR DEVICE **SHALL** be instantiated as a PERSON. | This logical NEHTA data component has no mapping to CDA.<br>The cardinality of this component propagates to its children. |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > **Person** | An individual who is in the role of healthcare provider, who uses or is a potential user of a healthcare service, or is in some way related to, or a representative of, a subject of care (patient). | 1..1 | participant/participantRole/playingEntity/**@classCode="PSN"** | | |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > **Person Name** | The appellation by which an individual may be identified separately from any other within a social context. | 1..* | participant/participantRole/playingEntity/**<Person Name>** | | See common pattern: Person Name. |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employment Detail > **Employer Organisation** | The organisation that the individual is working for in respect to the role they are playing in the nominated participation. | 0..1 | participant/participantRole/**scopingEntity** | | See common pattern: Employment. |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employment Detail > Employer Organisation > **Entity Identifier** | A number or code issued for the purpose of identifying a participant within a healthcare context. | 0..* | participant/participantRole/scopingEntity/ext:asOrganizationPartOf/ext:wholeEntity/**<Entity Identifier>** | | See common pattern: Entity Identifier. |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employment Detail > Employer Organisation > **Organisation** | Any organisation of interest to, or involved in, the business of healthcare service provision. | 0..1 | participant/participantRole/scopingEntity/**@classCode="ORG"** | | |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employment Detail > Employer Organisation > Organisation > **Organisation Name** | The name by which an organisation is known or called. | 1..1 | participant/participantRole/scopingEntity/**ext:asOrganizationPartOf/ext:wholeEntity/ext:name** | | |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employment Detail > Employer Organisation > Organisation > **Department/Unit** | The name by which a department or unit within a larger organisation is known or called. | 0..1 | participant/participantRole/scopingEntity/**ext:name** | | |
| SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employment Detail > Employer Organisation > Organisation > Organisation Name Detail > **Organisation Name Usage** | The classification that enables differentiation between recorded names for an organisation or service location. | 0..1 | participant/participantRole/scopingEntity/ext:asOrganizationPartOf/ext:wholeEntity/ext:name/**@use** | | |

### Example 7.7. SERVICE REQUESTER XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >

 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
      …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
     …

     <!-- Begin MEDICARE/DVA FUNDED SERVICES -->
     <component>
      <section>
       …

       <!-- Begin MEDICARE/DVA FUNDED SERVICE -->
       <entry>
        <encounter classCode="ENC" moodCode="EVN">
         …

         <!-- Begin Service Requester -->
         <participant typeCode="REFB">
          <time value="20090731"/>

          <participantRole classCode="PROV">
           <!-- Role -->
           <code code="62247001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" codeSystemVersion="20090731"
             displayName="General practitioner"/>

           <!-- Address -->
           <addr use="WP">
            <streetAddressLine>55 GP Street</streetAddressLine>
            <city>Nehtaville</city>
            <state>QLD</state>
            <postalCode>5555</postalCode>
            <additionalLocator>32568931</additionalLocator>
            <country>Australia</country>
           </addr>

           <!-- Electronic Communication Detail -->
           <telecom use="WP" value="tel:0666666666"/>

           <!-- Person Name -->
           <playingEntity classCode="PSN">
            <name>
             <prefix>Dr.</prefix>
             <family>Practitioner</family>
            </name>
```

```
            <!-- Entity Identifier -->
            <ext:asEntityIdentifier classCode="IDENT">
             <ext:id assigningAuthorityName="HPI-I" root="1.2.36.1.2001.1003.0.8003619900015717"/>
             <ext:assigningGeographicArea classCode="PLC">
              <ext:name>National Identifier</ext:name>
             </ext:assigningGeographicArea>
            </ext:asEntityIdentifier>
           </playingEntity>

           <!-- Employer Organisation (Participant (Organisation)) -->
           <scopingEntity classCode="ORG">

            <!-- Department/Unit -->
            <ext:name>Your Clinic</ext:name>

            <asOrganizationPartOf>
             <ext:wholeEntity>

              <!-- Organisation Name -->
              <ext:name use="ORGB">Family GP Clinics</ext:name>

              <!-- Entity Identifier -->
              <ext:asEntityIdentifier classCode="IDENT">
               <ext:id assigningAuthorityName="HPI-O" root="1.2.36.1.2001.1003.0.8003621566684455"/>
               <ext:assigningGeographicArea classCode="PLC">
                <ext:name>National Identifier</ext:name>
               </ext:assigningGeographicArea>
              </ext:asEntityIdentifier>

             </ext:wholeEntity>
            </asOrganizationPartOf>

           </scopingEntity>

          </participantRole>
         </participant>
         <!-- End Service Requester -->
         …

        </encounter>
       </entry>
       <!-- End MEDICARE/DVA FUNDED SERVICE -->

      </section>
     </component>
     <!-- End MEDICARE/DVA FUNDED SERVICES -->

    </section>
   </component>
   <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

### 7.1.2.2.1.2 SERVICE PROVIDER

#### Identification

| | |
|---|---|
| **Name** | SERVICE PROVIDER |
| **Metadata Type** | Data Group |
| **Identifier** | DG-10296 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICE | 0..1 |

## CDA R-MIM Representation

Figure 7.8, “SERVICE PROVIDER” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The SERVICE PROVIDER data group is represented by the performer participation of the ClinicalStatement.

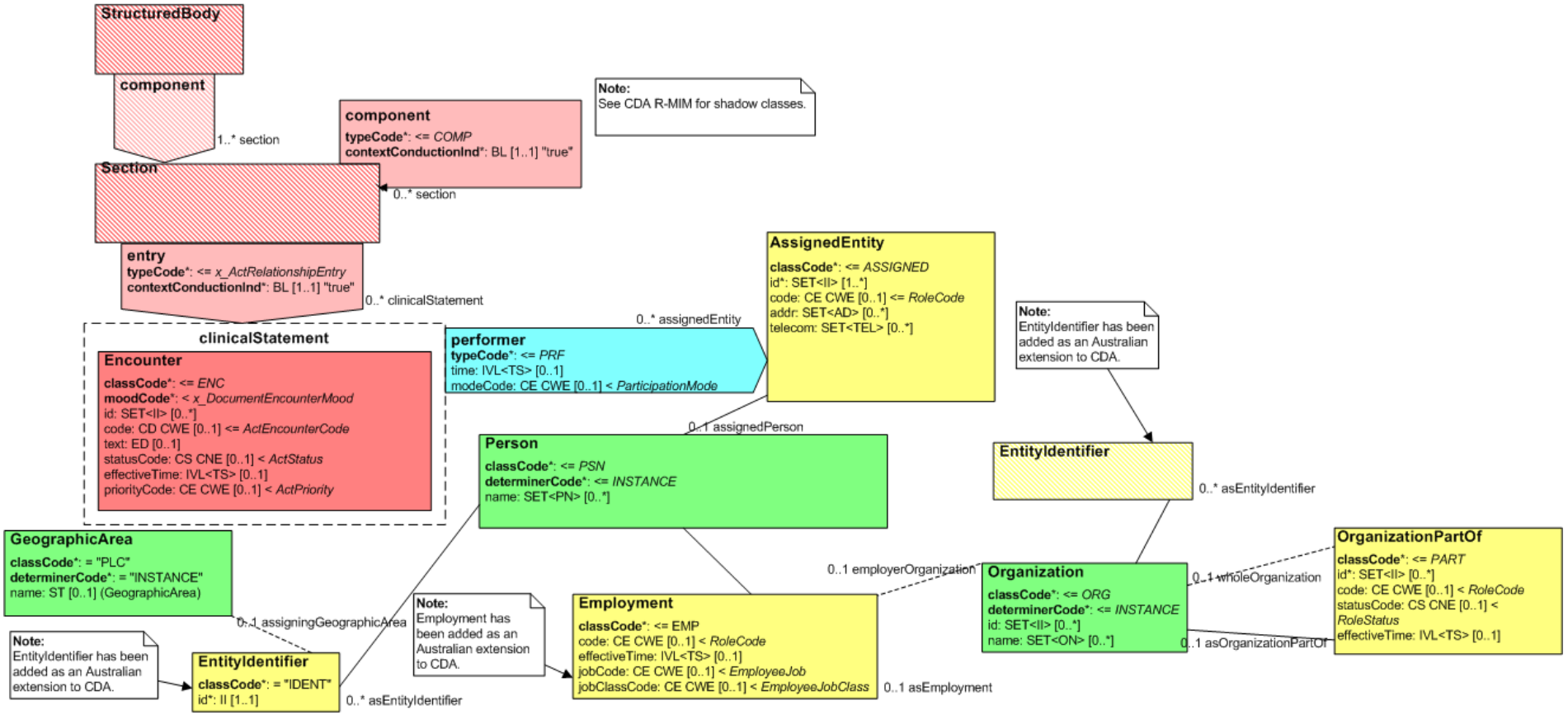


**Figure 7.8. SERVICE PROVIDER**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_services]/section/entry[med_ben]/encounter/ | | |
| **SERVICE PROVIDER** | The individual who provided the service. | 0..1 | **performer** | | |
| SERVICE PROVIDER > **Participation Period** | The time interval during which the participation in the health care event occurred. | 0..1 | performer/**time** | | |
| SERVICE PROVIDER > **Participation Type** | The categorisation of the nature of the participant's involvement in the healthcare event described by this participation. | 1..1 | performer/**@typeCode="PRF"** | Participation Type **SHALL** have an implementation-specific fixed value equivalent to "Service Provider". | |
| SERVICE PROVIDER > **Role** | The involvement or role of the participant in the related action from a healthcare perspective rather than the specific participation perspective. | 1..1 | performer/**assignedEntity/code** | Role **SHOULD** have a value chosen from 1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1 [ABS2009].<br><br>However, if a suitable value in this set cannot be found, then any code set that is both registered with HL7 and publicly available **MAY** be used. | See <code> for available attributes.<br><br>A relevant nullFlavor **MAY** be provided. |
| n/a | n/a | 1..1 | performer/assignedEntity/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | Required CDA element. |
| SERVICE PROVIDER > **Participant** | Details pertinent to the identification of an individual or organisation or device that has participated in a healthcare event/encounter/clinical interaction. | 1..1 | performer/assignedEntity/**assignedPerson** | | |
| SERVICE PROVIDER > Participant > **Entity Identifier** | A number or code issued for the purpose of identifying a participant within a healthcare context. | 0..* | performer/assignedEntity/assignedPerson/**<Entity Identifier>** | | See common pattern: Entity Identifier. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| SERVICE PROVIDER > Participant > **Address** | The description of a location where an entity is located or can be otherwise reached or found and a description of the purpose for which that address is primarily used by that entity. | 0..* | performer/assignedEntity/**<Address>** | | See common pattern: Address. |
| SERVICE PROVIDER > Participant > **Electronic Communication Detail** | The electronic communication details of entities. | 0..* | performer/assignedEntity/**<Electronic Communication Detail>** | | See common pattern: Electronic Communication Detail. |
| SERVICE PROVIDER > Participant > **Person or Organisation or Device** | Represents a choice to be made at run-time between PERSON, ORGANISATION or DEVICE. | 1..1 | n/a | PERSON OR ORGANISATION OR DEVICE **SHALL** be instantiated as a PERSON. | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| SERVICE PROVIDER > Participant > Person or Organisation or Device > **Person** | An individual who is in the role of healthcare provider, who uses or is a potential user of a healthcare service, or is in some way related to, or a representative of, a subject of care (patient). | 1..1 | n/a | | Not mapped directly, encompassed implicitly in performer/assignedEntity/assignedPerson. |
| SERVICE PROVIDER > Participant > Person or Organisation or Device > Person > **Person Name** | The appellation by which an individual may be identified separately from any other within a social context. | 1..* | performer/assignedEntity/assignedPerson/**<Person Name>** | | See common pattern: Person Name. |
| SERVICE PROVIDER > Participant > Person or Organisation or Device > Person > **Employment Detail** | A person's occupation and employer. | 0..1 | performer/assignedEntity/assignedPerson/**<Employment>** | | See common pattern: Employment. |

### Example 7.8. SERVICE PROVIDER - XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
     …

     <!-- Begin MEDICARE/DVA FUNDED SERVICES -->
     <component>
      <section>
       …

       <!-- Begin MEDICARE/DVA FUNDED SERVICE -->
       <entry >
        <encounter classCode="ENC" moodCode="EVN">
         …

         <!-- Begin Service Provider -->
         <performer typeCode="PRF">
         <time value="20090731"/>
          <assignedEntity classCode="ASSIGNED">

           <!-- ID is used for system purposes such as matching -->
           <id root="AE0DB4EE-0CD0-11E0-8D84-CC50DFD72085"/>

           <!-- Role -->
           <code code="253514" codeSystem="2.16.840.1.113883.13.62"
             codeSystemName="1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1"
             displayName="Orthopaedic Surgeon"/>

           <!-- Address -->
           <addr nullFlavor="NA"/>

           <!-- Electronic Communication Detail -->
           <telecom nullFlavor="NA"/>

           <assignedPerson>
            <!-- Person Name -->
            <name use="L">
             <prefix>Dr</prefix>
             <given>Bone</given>
             <family>Doctor</family>
            </name>

            <!-- Entity Identifier -->
            <ext:asEntityIdentifier classCode="IDENT">
```

```
            <ext:id nullFlavor="NA" />
           <ext:assigningGeographicArea classCode="PLC">
            <ext:name>Blank (no identifier is available)</ext:name>
           </ext:assigningGeographicArea>
           </ext:asEntityIdentifier>

           <!-- Employment -->
           <ext:asEmployment classCode="EMP">
               <!-- Position In Organisation -->
               <ext:code>
                   <originalText>Senior Medical Oncologist</originalText>
               </ext:code>

               <!-- Occupation -->
               <ext:jobCode code="253111" codeSystem="2.16.840.1.113883.13.62"
                   codeSystemName="1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1"
                   displayName="General Medical Practitioner"/>

               <!-- Employment Type -->
               <ext:jobClassCode code="FT" codeSystem="2.16.840.1.113883.5.1059" codeSystemName="HL7:EmployeeJobClass" displayName="full-time"/>

               <!-- Employer Organisation -->
               <ext:employerOrganization>
                   <!-- Department/Unit -->
                   <name>GP Clinic</name>
                   <asOrganizationPartOf>
                       <wholeOrganization>
                           <!-- Organisation Name -->
                           <name use="ORGB">GP Clinics</name>
                           <!-- Entity Identifier -->
                           <ext:asEntityIdentifier classCode="IDENT">
                               <ext:id assigningAuthorityName="HPI-O" root="1.2.36.1.2001.1003.0.8003621566684455"/>
                               <ext:assigningGeographicArea classCode="PLC">
                                   <ext:name>National Identifier</ext:name>
                               </ext:assigningGeographicArea>
                           </ext:asEntityIdentifier>
                       </wholeOrganization>
                   </asOrganizationPartOf>
               </ext:employerOrganization>

            </ext:asEmployment>
           </assignedPerson>

          </assignedEntity>
         </performer>
         <!-- End Service Provider-->
         …

       </encounter>
      </entry>
      <!-- End MEDICARE/DVA FUNDED SERVICE -->

     </section>
    </component>
    <!-- End MEDICARE/DVA FUNDED SERVICES -->

   </section>
  </component>
  <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
  …

 </structuredBody>
</component>
<!-- End CDA Body -->
```

```
</ClinicalDocument>
```

### 7.1.2.2.1.3 Medicare/DVA Funded Service Document Link (LINK)

#### Identification

| | |
|---|---|
| **Name** | Medicare/DVA Funded Service Document Link (LINK) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16692 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | MEDICARE/DVA FUNDED SERVICE | 1..1 |

## CDA R-MIM Representation

Figure 7.9, “Medicare/DVA Funded Service Document Link (LINK)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

Each Medicare/DVA Funded Service Document Link (LINK) data group is modelled as an externalDocument which is related to its clinicalStatement by a reference.

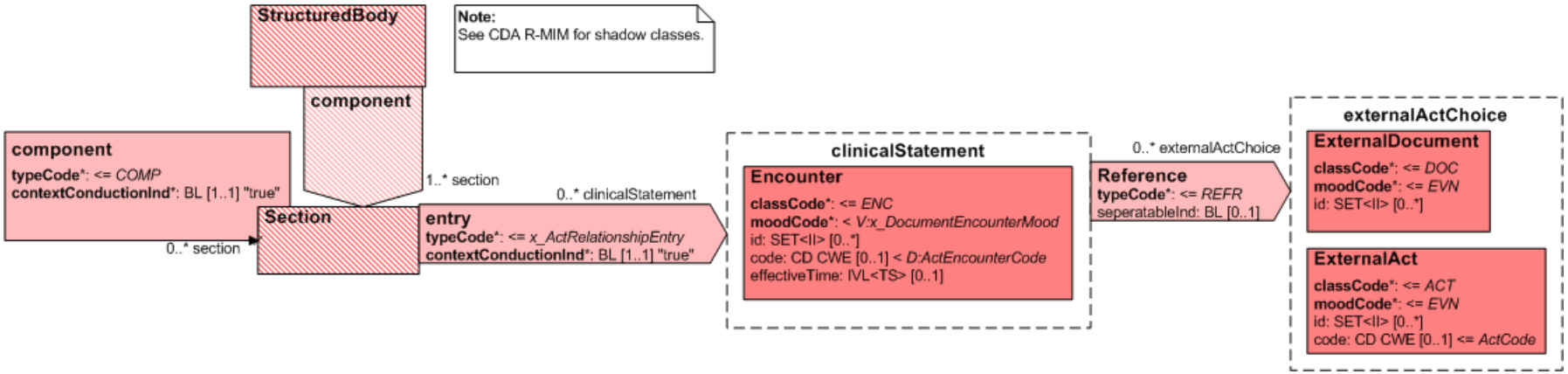


**Figure 7.9. Medicare/DVA Funded Service Document Link (LINK)**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_services]/section/ | | |
| **Medicare/DVA Funded Service Document Link (LINK)** | A link to an instance of another Detailed Clinical Model (DCM) or a document containing an instance of another DCM. | 1..1 | entry[med_ben]/encounter/**reference[document]** | | |
| | | | entry[med_ben]/encounter/reference[document]/**seperatableInd/@value="true"** | | |
| Medicare/DVA Funded Service Document Link (LINK) > **Link Nature** | The general semantic category of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA. |
| Medicare/DVA Funded Service Document Link (LINK) > **Link Role** | The detailed semantic description of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 0..1 | entry[med_ben]/encounter/reference[document]/**@typeCode="REFR"** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Medicare/DVA Funded Service Document Link (LINK) > **Target Document (Link Target)** | The logical to object in the link relation, as per the linguistic sense of the Link Nature data element (and, if present, the Link Role data element). | 1..1 | entry[med_ben]/encounter/reference[document]/**externalDocument** | | |
| | | | entry[med_ben]/encounter/reference[document]/externalDocument/**@classCode="DOC"** | | |
| | | | entry[med_ben]/encounter/reference[document]/externalDocument/**@moodCode="EVN"** | | |
| | | | entry[med_ben]/encounter/reference[document]/externalDocument/**id** | | The 'id' **SHALL** be the identifier of the external document and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br>Note: The external document 'id' and repository 'id' **SHALL** be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry[med_ben]/encounter/reference[document]/externalDocument/**templateId** | | The CDA Implementation Guide's templateId (ClinicalDocument/templateId) of the target document. |
| | | | entry[med_ben]/encounter/**reference[repository]** | | |
| | | | entry[med_ben]/encounter/reference[repository]/**seperatableInd/@value="true"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/**@typeCode="REFR"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/**externalAct** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/**@classCode="ACT"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/**@moodCode="EVN"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/**id** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| | | | | | The 'id' **SHALL** be the identifier of the PCEHR repository and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br><br>Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/**code** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/code/**@code="10"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/code/**@codeSystem="1.2.36.1.2001.1007"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/code/**@codeSystemName="PCEHR Identifiers"** | | |
| | | | entry[med_ben]/encounter/reference[repository]/externalAct/code/**@displayName="PCEHR Assigned Identifier - Repository"** | | |

### Example 7.9. Medicare/DVA Funded Service Document Link (LINK) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin MEDICARE/DVA FUNDED SERVICES HISTORY -->
   <component>
    <section>
     …

     <!-- Begin MEDICARE/DVA FUNDED SERVICES -->
     <component>
      <section>
       …
       <text>
        <!-- Add narrative text here -->
        <!-- Link to the external document  -->
        <content>
         <linkHtml href="pcehr:1.2.36.1.2001.1007.10.8003640002000001/3092db30-2c76-11e2-81c1-0800200c9a66">Medicare/DVA Benefits Report</linkHtml>
        </content>
        <!-- Add narrative text here -->
       </text>

       <!-- Begin MEDICARE/DVA FUNDED SERVICE -->
       <entry>
        <encounter classCode="ENC" moodCode="EVN">
         …

         <!-- Begin Medicare/DVA Funded Service Document Link (LINK) -->
         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalDocument classCode="DOC" moodCode="EVN">
           <!-- templateId of the referenced DVA document. -->
           <templateId extension="1.0" root="1.2.36.1.2001.1001.101.100.1002.140"/>
           <!-- The identifier of the document -->
           <id root="3092db30-2c76-11e2-81c1-0800200c9a66"/>
          </externalDocument>
         </reference>

         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalAct classCode="ACT" moodCode="EVN">
           <id root="1.2.36.1.2001.1007.10.8003640002000035"/>
           <code code="10" codeSystem="1.2.36.1.2001.1007" codeSystemName="PCEHR Identifiers" displayName="PCEHR Assigned Identifier - Repository"/>
          </externalAct>
         </reference>
         <!-- End Medicare/DVA Funded Service Document Link (LINK) -->

        </encounter>
```

```
        </entry>
        <!-- End MEDICARE/DVA FUNDED SERVICE -->

       </section>
      </component>
      <!-- End MEDICARE/DVA FUNDED SERVICES -->

     </section>
    </component>
    <!-- End MEDICARE/DVA FUNDED SERVICES HISTORY -->
    …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.3 PHARMACEUTICAL BENEFITS HISTORY

## Identification

| | |
|---|---|
| **Name** | PHARMACEUTICAL BENEFITS HISTORY |
| **Metadata Type** | Section |
| **Identifier** | S-16778 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 0..1 |

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | EXCLUSION STATEMENT | 0..1 |
| | PHARMACEUTICAL BENEFIT ITEMS | 0..1 |

# CDA R-MIM Representation

Figure 7.10, “PHARMACEUTICAL BENEFITS HISTORY” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The PHARMACEUTICAL BENEFITS HISTORY section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship.

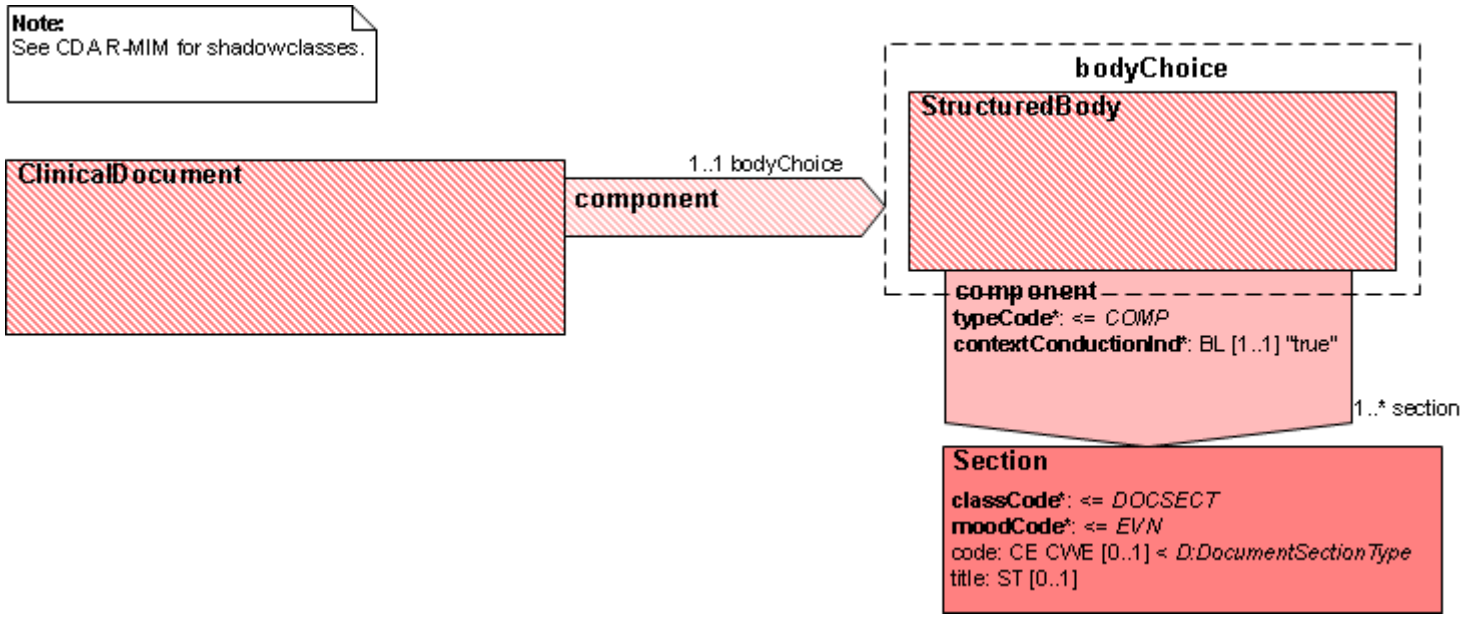


**Figure 7.10. PHARMACEUTICAL BENEFITS HISTORY**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/ | | |
| **PHARMACEUTICAL BENEFITS HISTORY** | Information held by the Department of Human Services about a pharmaceutical item prescribed and dispensed to an individual and partially or fully funded under the Pharmaceutical Benefits Scheme (PBS) or Repatriation Pharmaceutical Benefits Scheme (RPBS). | 0..1 | component[med_pbs]/**section** | | Each instance of this section **SHALL** contain either exactly one instance of EXCLUSION STATEMENT OR exactly one instance of PHARMACEUTICAL BENEFIT ITEMS. |
| | | | component[med_pbs]/section/**code** | | |
| | | | component[med_pbs]/section/code/**@code="101.16778"** | | |
| | | | component[med_pbs]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[med_pbs]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[med_pbs]/section/code/**@displayName="Pharmaceutical Benefits History"** | | |
| | | | component[med_pbs]/section/**title="Prescription Information - PBS and RPBS"** | | This **SHALL** be an exact match as specified in the section/title. |
| PHARMACEUTICAL BENEFITS HISTORY > **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | See: EXCLUSION STATEMENT | | |
| PHARMACEUTICAL BENEFITS HISTORY > **PHARMACEUTICAL BENEFIT ITEMS** | Information held by the Department of Human Services about a pharmaceutical item prescribed and dispensed to an individual and partially or fully funded under the Pharmaceutical Benefits Scheme (PBS) or Repatriation Pharmaceutical Benefits Scheme (RPBS). | 0..1 | See: PHARMACEUTICAL BENEFIT ITEMS | | |

### Example 7.10. PHARMACEUTICAL BENEFITS HISTORY XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin PHARMACEUTICAL BENEFITS HISTORY -->
   <component>
    <section>
     <code code="101.16778" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Pharmaceutical Benefits History" />
     <title>Prescription Information - PBS and RPBS</title>
     …

    </section>
   </component>
   <!-- End PHARMACEUTICAL BENEFITS HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.3.1 EXCLUSION STATEMENT

## Identification

| | |
|---|---|
| **Name** | EXCLUSION STATEMENT |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16134 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | PHARMACEUTICAL BENEFITS HISTORY | 0..1 |

## CDA R-MIM Representation

Figure 7.11, “EXCLUSION STATEMENT” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The EXCLUSION STATEMENT data group is represented by an observation class and is related to its containing section by an entry relationship.

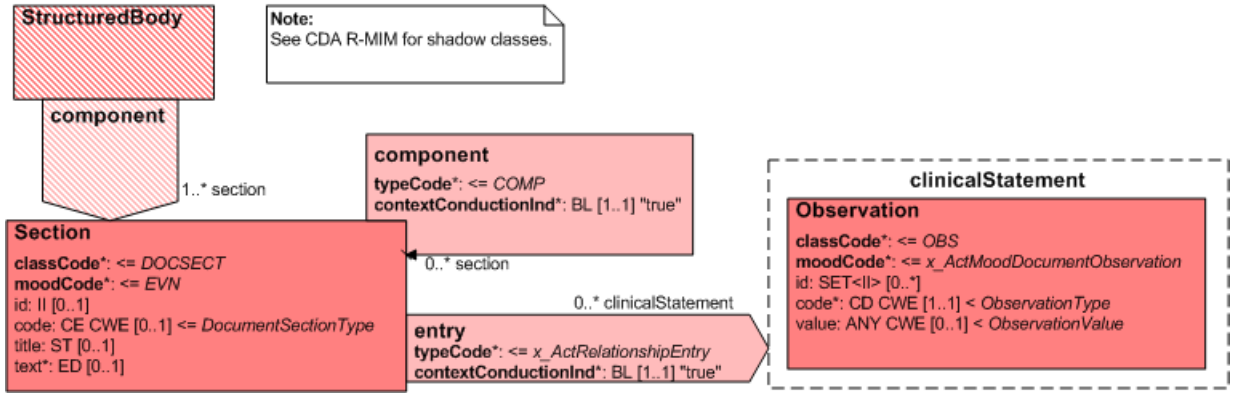


**Figure 7.11. EXCLUSION STATEMENT**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_pbs]/section/ | | |
| **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | **component[pbs_excl]/section** | | |
| | | | component[pbs_excl]/section/**code** | | |
| | | | component[pbs_excl]/section/code/**@code="102.16134.172.1.4"** | | |
| | | | component[pbs_excl]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[pbs_excl]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[pbs_excl]/section/code/**@displayName="Exclusion Statement"** | | |
| | | | component[pbs_excl]/section/**title** | The title **SHALL** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'Prescription information - PBS & RPBS' | |
| | | | component[pbs_excl]/section/**text** | The text **SHOULD** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'No Information Available.' | See Appendix A, *CDA Narratives* |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_pbs]/section/component[pbs_excl]/section/ | | |
| EXCLUSION STATEMENT > **General Statement** | A general statement about the absence or exclusion of data values. | 1..1 | entry[gnl_stat]/**observation** | | |
| | | | entry[gnl_stat]/observation/**@classCode="OBS"** | | |
| | | | entry[gnl_stat]/observation/**@moodCode="EVN"** | | |
| | | | entry[gnl_stat]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[gnl_stat]/observation/**code** | | |
| | | | entry[gnl_stat]/observation/code/**@code="103.16135.172.1.4"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[gnl_stat]/observation/code/**@displayName="General Statement"** | | |
| | | | entry[gnl_stat]/observation/**value:ST** | | |

### Example 7.11. EXCLUSION STATEMENT XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin PHARMACEUTICAL BENEFITS HISTORY -->
   <component>
    <section>
     …

     <!-- NOTE: This Exclusion Statement is provided for illustrative purpose only. This section component cannot contain both the section for Exclusion Statement and
     the section for Pharmaceutical Benefit Items -->
     <!-- Begin EXCLUSION STATEMENT -->
     <component>
      <section>
       <code code="102.16134.172.1.4" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Exclusion Statement" />
       <title>Prescription Information - PBS and RPBS</title>
       <text>No Information Available</text>

       <!-- Begin EXCLUSION STATEMENT - General Statement -->
       <entry>
        <observation classCode="OBS" moodCode="EVN">
         <!-- ID is used for system purposes such as matching -->
         <id root="D1645208-09A6-11E1-8B51-296A4824019B"/>
         <code code="103.16135.172.1.4" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="General Statement" />
         <value xsi:type="ST">No Information Available</value>
        </observation>
       </entry>
       <!-- End EXCLUSION STATEMENT- General Statement -->

      </section>
     </component>
     <!-- End EXCLUSION STATEMENT -->

    </section>
   </component>
   <!-- End PHARMACEUTICAL BENEFITS HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.3.2 PHARMACEUTICAL BENEFIT ITEMS

## Identification

| | |
|---|---|
| **Name** | PHARMACEUTICAL BENEFIT ITEMS |
| **Metadata Type** | Section |
| **Identifier** | S-16649 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | PHARMACEUTICAL BENEFITS HISTORY | 0..1 |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | PHARMACEUTICAL BENEFIT ITEM | 1..* |

## CDA R-MIM Representation

Figure 7.12, “PHARMACEUTICAL BENEFIT ITEMS” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The PHARMACEUTICAL BENEFIT ITEMS section is mapped to a CDA section.

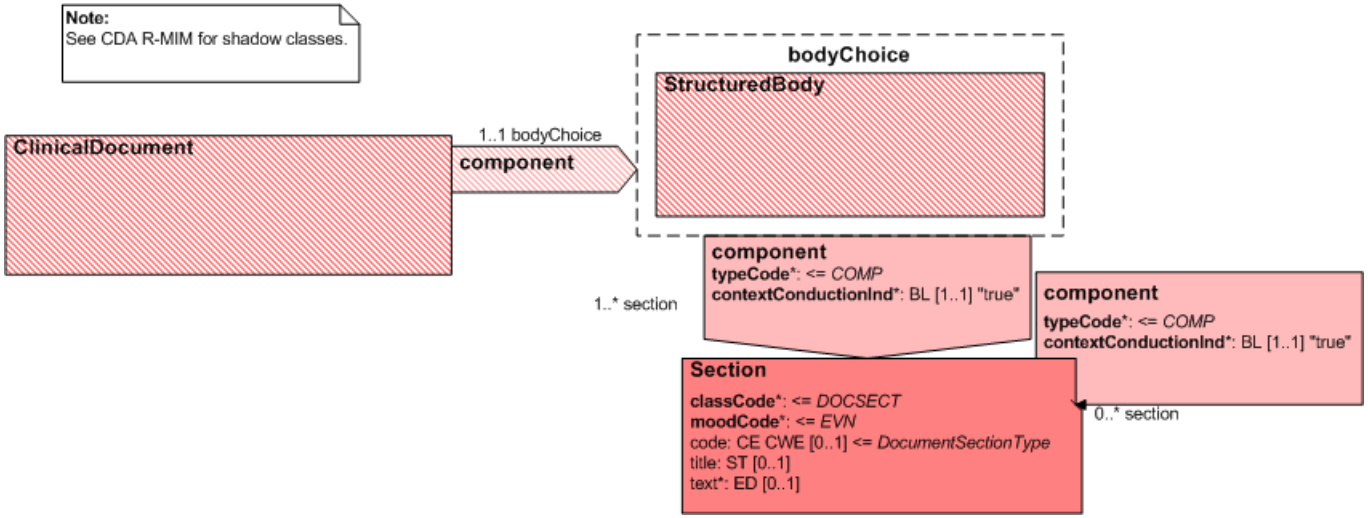


**Figure 7.12. PHARMACEUTICAL BENEFIT ITEMS**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_pbs]/section/ | | |
| **PHARMACEUTICAL BENEFIT ITEMS** | Information held by the Department of Human Services about a pharmaceutical item prescribed and dispensed to an individual and partially or fully funded under the Pharmaceutical Benefits Scheme (PBS) or Repatriation Pharmaceutical Benefits Scheme (RPBS). | 0..1 | component[pbs_items]/**section** | | |
| | | | component[pbs_items]/section/**code** | | |
| | | | component[pbs_items]/section/code/**@code="101.16649"** | | |
| | | | component[pbs_items]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[pbs_items]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[pbs_items]/section/code/**@displayName="Pharmaceutical Benefit Items"** | | |
| | | | component[pbs_items]/section/**title="Prescription Information - PBS and RPBS"** | | This **SHALL** be an exact match as specified in the section/title. |
| | | | component[pbs_items]/section/**text** | | See Appendix A, *CDA Narratives* |
| PHARMACEUTICAL BENEFIT ITEMS > **PHARMACEUTICAL BENEFIT ITEM** | Information held by the Department of Human Services about a pharmaceutical item prescribed and dispensed to an individual and partially or fully funded under the Pharmaceutical Benefits Scheme (PBS) or Repatriation Pharmaceutical Benefits Scheme (RPBS). | 1..* | See: PHARMACEUTICAL BENEFIT ITEM | | |

### Example 7.12. PHARMACEUTICAL BENEFIT ITEMS XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin PHARMACEUTICAL BENEFITS HISTORY -->
   <component>
    <section>
     …

      <!-- Begin PHARMACEUTICAL BENEFIT ITEMS -->
      <component>
       <section>
        <code code="101.16649" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Pharmaceutical Benefits Items"/>
        <title>Prescription Information - PBS and RPBS</title>
        <text>The narrative text goes here</text>
        …

       </section>
      </component>
      <!-- End PHARMACEUTICAL BENEFIT ITEMS -->
     …

    </section>
   </component>
   <!-- End PHARMACEUTICAL BENEFITS HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.3.2.1 PHARMACEUTICAL BENEFIT ITEM

## Identification

| | |
|---|---|
| **Name** | PHARMACEUTICAL BENEFIT ITEM |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16674 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | PHARMACEUTICAL BENEFIT ITEMS | 1..* |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | Pharmaceutical Benefit Item Document Link (LINK) | 1..1 |

## CDA R-MIM Representation

Figure 7.13, “PHARMACEUTICAL BENEFIT ITEM” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The PHARMACEUTICAL BENEFIT ITEM data group is described by a supply which is related to the containing section by an entry. Item Form and Strength is represented by an observation and Date of Prescribing is represented in the effectiveTime of a substanceAdministration entry relationship.

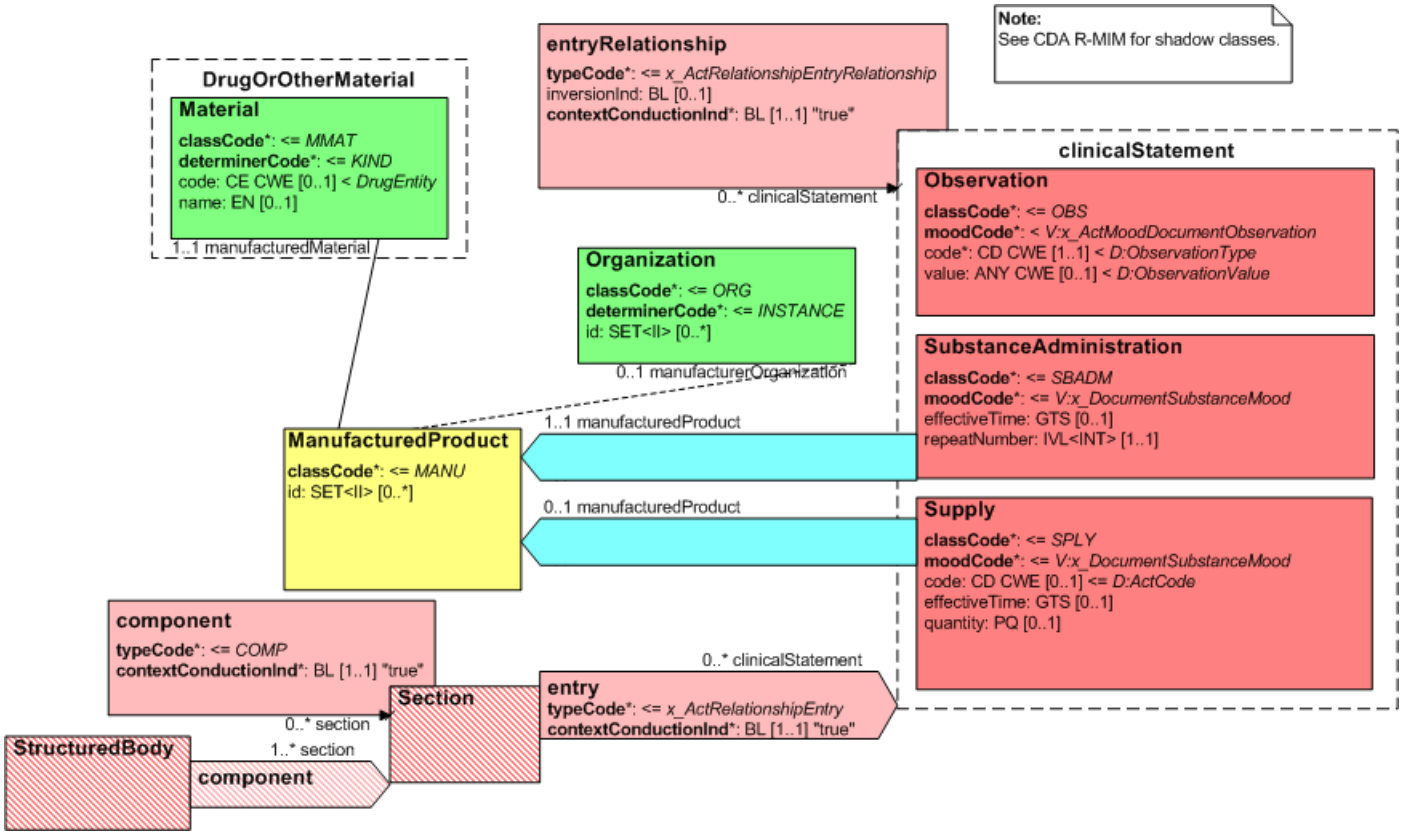


**Figure 7.13. PHARMACEUTICAL BENEFIT ITEM**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_pbs]/section/component[pbs_items]/section/ | | |
| **PHARMACEUTICAL BENEFIT ITEM** | Information held by the Department of Human Services about a pharmaceutical item prescribed and dispensed to an individual and partially or fully funded under the Pharmaceutical Benefits Scheme (PBS) or Repatriation Pharmaceutical Benefits Scheme (RPBS). | 1..* | **entry** | | |
| | | | entry/**supply** | | |
| | | | entry/supply/**@classCode="SPLY"** | | |
| | | | entry/supply/**@moodCode="EVN"** | | |
| | | | entry/supply/**code** | | |
| | | | entry/supply/code/**@code="102.16674"** | | |
| | | | entry/supply/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry/supply/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry/supply/code/**@displayName="Pharmaceutical Benefit Item"** | | |
| PHARMACEUTICAL BENEFIT ITEM > **PBS/RPBS Item Code** | Administrative code and short description of the pharmaceutical item supplied. | 1..1 | entry/supply/**product** | | |
| | | | entry/supply/product/**@typeCode="PRD"** | | |
| | | | entry/supply/product/**manufacturedProduct** | | |
| | | | entry/supply/product/manufacturedProduct/**@classCode="MANU"** | | |
| | | | entry/supply/product/manufacturedProduct/**manufacturedMaterial** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturedMaterial/**code** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturedMaterial/code/**@codeSystem="1.2.36.1.2001.1005.22"** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturedMaterial/code/**@codeSystemName="Australian PBS Code"** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturedMaterial/code/**@code** | PBS/RPBS Item Code Values | |
| PHARMACEUTICAL BENEFIT ITEM > **PBS/RPBS Manufacturer Code** | The PBS-assigned administrative code identifying the manufacturer of the pharmaceutical item supplied. | 0..1 | entry/supply/product/manufacturedProduct/**manufacturerOrganization** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturerOrganization/**id** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturerOrganization/id/**@root="1.2.36.1.2001.1005.23"** | | |
| | | | entry/supply/product/manufacturedProduct/manufacturerOrganization/id/**@extension** | PBS/RPBS Manufacturer Code Values | |
| PHARMACEUTICAL BENEFIT ITEM > **Brand (Pharmaceutical Item Brand)** | The brand of the pharmaceutical item supplied. | 1..1 | entry/supply/product/manufacturedProduct/manufacturedMaterial/**name** | | |
| PHARMACEUTICAL BENEFIT ITEM > **Item Generic Name (Pharmaceutical Item Generic Name)** | The generic name of the item supplied. | 1..1 | entry/supply/product/manufacturedProduct/manufacturedMaterial/code/**@displayName** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| PHARMACEUTICAL BENEFIT ITEM > **Item Form and Strength (Pharmaceutical Item Form and Strength)** | The form and strength of the item supplied. | 1..1 | entry/supply/**entryRelationship** | | |
| | | | entry/supply/entryRelationship/**@typeCode="SUBJ"** | | |
| | | | entry/supply/entryRelationship/**observation** | | |
| | | | entry/supply/entryRelationship/observation/**@classCode="OBS"** | | |
| | | | entry/supply/entryRelationship/observation/**@moodCode="EVN"** | | |
| | | | entry/supply/entryRelationship/observation/**code** | | |
| | | | entry/supply/entryRelationship/observation/code/**@code="103.16677"** | | |
| | | | entry/supply/entryRelationship/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry/supply/entryRelationship/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry/supply/entryRelationship/observation/code/**@displayName="Item Form and Strength"** | | |
| | | | entry/supply/entryRelationship/observation/**value:ST** | | |
| PHARMACEUTICAL BENEFIT ITEM > **Date of Supply** | The recorded date the pharmaceutical item was supplied. | 1..1 | entry/supply/**effectiveTime** | | See <time> for available attributes. |
| PHARMACEUTICAL BENEFIT ITEM > **Date of Prescribing** | The date the pharmaceutical item was prescribed. | 1..1 | entry/supply/**entryRelationship** | | |
| | | | entry/supply/entryRelationship/**typeCode="REFR"** | | |
| | | | entry/supply/entryRelationship/**substanceAdministration** | | |
| | | | entry/supply/entryRelationship/substanceAdministration/**@classCode="SBADM"** | | |
| | | | entry/supply/entryRelationship/substanceAdministration/**@moodCode="RQO"** | | |
| | | | entry/supply/entryRelationship/substanceAdministration/**effectiveTime** | | See <time> for available attributes. |
| | | | entry/supply/entryRelationship/substanceAdministration/**consumable** | | Included for CDA conformance only. |
| | | | entry/supply/entryRelationship/substanceAdministration/consumable/**manufacturedProduct** | | Included for CDA conformance only. |
| | | | entry/supply/entryRelationship/substanceAdministration/consumable/manufacturedProduct/**manufacturedMaterial** | | Included for CDA conformance only.<br>NB. This element will be empty. |
| PHARMACEUTICAL BENEFIT ITEM > **Quantity** | The number of doses or physical amount of the therapeutic good. | 1..1 | entry/supply/quantity/**@value** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| PHARMACEUTICAL BENEFIT ITEM > **Number of Repeats** | The number of repeats of the prescription that have been authorised by the prescriber for a given medication. | 1..1 | entry/supply/entryRelationship/substanceAdministration/**repeatNumber** | | |
| | | | entry/supply/entryRelationship/substanceAdministration/repeatNumber/**high** | | |
| | | | entry/supply/entryRelationship/substanceAdministration/repeatNumber/high/**@value** | | |
| PHARMACEUTICAL BENEFIT ITEM > **Pharmaceutical Benefit Item Document Link (LINK)** | A link to an instance of another Detailed Clinical Model (DCM) or a document containing an instance of another DCM. | 1..1 | See: Pharmaceutical Benefit Item Document Link (LINK) | | |

### Example 7.13. PHARMACEUTICAL BENEFIT ITEM XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin PHARMACEUTICAL BENEFITS HISTORY -->
   <component>
    <section>
     …

     <!-- Begin PHARMACEUTICAL BENEFIT ITEMS -->
     <component>
      <section>
       …

       <!-- Begin PHARMACEUTICAL BENEFIT ITEM -->
       <entry>
        <supply classCode="SPLY" moodCode="EVN">
         <code code="102.16674" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Pharmaceutical Benefit Item" />

         <!-- Date of Supply -->
         <effectiveTime value="201111151530+1000" />

         <!-- Quantity -->
         <quantity value="500" />

         <!-- Begin PBS/RPBS Item Code -->
         <product typeCode="PRD">
          <manufacturedProduct classCode="MANU">

           <manufacturedMaterial>
            <code code="2157M" codeSystem="1.2.36.1.2001.1005.22" codeSystemName="Australian PBS Code" displayName="ALUMINIUM HYDROXIDE with MAGNESIUM HYDROXIDE" />
            <!-- Brand (Pharmaceutical Item Brand)-->
            <name>Mylanta P</name>
           </manufacturedMaterial>

           <!-- PBS/RPBS Manufacturer Code -->
           <manufacturerOrganization>
            <id root="1.2.36.1.2001.1005.23" extension="JT" />
           </manufacturerOrganization>

          </manufacturedProduct>
         </product>
         <!-- End PBS/RPBS Item Code -->

         <!-- Begin Item Form and Strength (Pharmaceutical Item Form and Strength)-->
         <entryRelationship typeCode="SUBJ">
          <observation classCode="OBS" moodCode="EVN">
           <code code="103.16677" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Item Form and Strength" />
```

```
            <value xsi:type="ST">Oral suspension 200 mg-200 mg per 5 mL, 500 mL</value>
           </observation>
          </entryRelationship>
          <!-- End Item Form and Strength (Pharmaceutical Item Form and Strength)-->

          <!-- Begin Date of Prescribing -->
          <entryRelationship typeCode="REFR">
           <substanceAdministration classCode="SBADM" moodCode="RQO">
            <effectiveTime value="20111114" />

            <!-- Number of Repeats -->
            <repeatNumber>
             <high value="5" />
            </repeatNumber>

            <!-- Included for CDA conformance. -->
            <consumable>
             <manufacturedProduct>
              <manufacturedMaterial />
             </manufacturedProduct>
            </consumable>

           </substanceAdministration>
          </entryRelationship>
          <!-- End Date of Prescribing -->
          …

         </supply>
        </entry>
        <!-- End PHARMACEUTICAL BENEFIT ITEM -->

       </section>
      </component>
      <!-- End PHARMACEUTICAL BENEFIT ITEMS -->

     </section>
    </component>
    <!-- End PHARMACEUTICAL BENEFITS HISTORY -->
    …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

### 7.1.3.2.1.1 Pharmaceutical Benefit Item Document Link (LINK)

#### Identification

| | |
|---|---|
| **Name** | Pharmaceutical Benefit Item Document Link (LINK) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16692 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | PHARMACEUTICAL BENEFIT ITEM | 1..1 |

## CDA R-MIM Representation

Figure 7.14, “Pharmaceutical Benefit Item Document Link (LINK)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

Each Pharmaceutical Benefit Item Document Link (LINK) data group is modelled as an externalDocument which is related to its clinicalStatement by a reference.

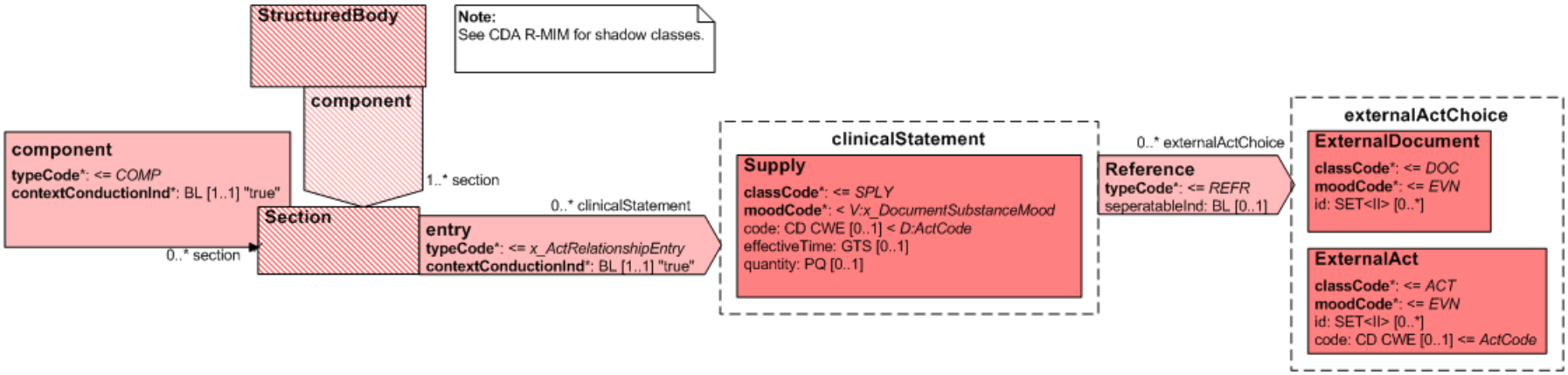


**Figure 7.14. Pharmaceutical Benefit Item Document Link (LINK)**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_pbs]/section/component[pbs_items]/section/ | | |
| **Pharmaceutical Benefit Item Document Link (LINK)** | A link to an instance of another Detailed Clinical Model (DCM) or a document containing an instance of another DCM. | 1..1 | entry/supply/**reference[document]** | | |
| | | | entry/supply/reference[document]/**seperatableInd/@value="true"** | | |
| Pharmaceutical Benefit Item Document Link (LINK) > **Link Nature** | The general semantic category of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA. |
| Pharmaceutical Benefit Item Document Link (LINK) > **Link Role** | The detailed semantic description of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 0..1 | entry/supply/reference[document]/**@typeCode="REFR"** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Pharmaceutical Benefit Item Document Link (LINK) > **Link Role** | The detailed semantic description of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 0..1 | entry/supply/reference[document]/**externalDocument** | | |
| | | | entry/supply/reference[document]/externalDocument/**@classCode="DOC"** | | |
| | | | entry/supply/reference[document]/externalDocument/**@moodCode="EVN"** | | |
| | | | entry/supply/reference[document]/externalDocument/**id** | | The 'id' **SHALL** be the identifier of the external document and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br>Note: The external document 'id' and repository 'id' **SHALL** be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry/supply/reference[document]/externalDocument/**templateId** | | The CDA Implementation Guide's templateId (ClinicalDocument/templateId) of the target document. |
| | | | entry/supply/**reference[repository]** | | |
| | | | entry/supply/reference[repository]/**seperatableInd/@value="true"** | | |
| | | | entry/supply/reference[repository]/**@typeCode="REFR"** | | |
| | | | entry/supply/reference[repository]/**externalAct** | | |
| | | | entry/supply/reference[repository]/externalAct/**@classCode="ACT"** | | |
| | | | entry/supply/reference[repository]/externalAct/**@moodCode="EVN"** | | |
| | | | entry/supply/reference[repository]/externalAct/**id** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| | | | | | The 'id' **SHALL** be the identifier of the PCEHR repository and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br><br>Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN<br>See PCEHR URN Scheme for details. |
| | | | entry/supply/reference[repository]/externalAct/**code** | | |
| | | | entry/supply/reference[repository]/externalAct/code/**@code="10"** | | |
| | | | entry/supply/reference[repository]/externalAct/code/**@codeSystem="1.2.36.1.2001.1007"** | | |
| | | | entry/supply/reference[repository]/externalAct/code/**@codeSystemName="PCEHR Identifiers"** | | |
| | | | entry/supply/reference[repository]/externalAct/code/**@displayName="PCEHR Assigned Identifier - Repository"** | | |

### Example 7.14. Pharmaceutical Benefit Item Document Link (LINK) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin PHARMACEUTICAL BENEFITS HISTORY -->
   <component>
    <section>
     …

     <!-- Begin PHARMACEUTICAL BENEFIT ITEMS -->
     <component>
      <section>
       …

       <text>
        <!-- Add narrative text here -->
        <!-- Link to the external document  -->
        <content>
         <linkHtml href="pcehr:1.2.36.1.2001.1007.10.8003640002000001/17c03779-fda3-431a-a22c-4fee83a0f5e4">Pharmaceutical Benefit Items Document</linkHtml>
        </content>
        <!-- Add narrative text here -->
       </text>

       <!-- Begin PHARMACEUTICAL BENEFIT ITEM -->
       <entry>
        <supply classCode="SPLY" moodCode="EVN">
         …

         <!-- Begin Pharmaceutical Benefit Item Document Link (LINK) -->
         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalDocument classCode="DOC" moodCode="EVN">
           <!-- templateId of the referenced PBS document. -->
           <templateId extension="1.0" root="1.2.36.1.2001.1001.101.100.1002.142"/>
           <!-- The identifier of the document -->
           <id root="17c03779-fda3-431a-a22c-4fee83a0f5e4"/>
          </externalDocument>
         </reference>

         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalAct classCode="ACT" moodCode="EVN">
           <id root="1.2.36.1.2001.1007.10.8003640002000035"/>
           <code code="10" codeSystem="1.2.36.1.2001.1007" codeSystemName="PCEHR Identifiers" displayName="PCEHR Assigned Identifier - Repository"/>
          </externalAct>
         </reference>
         <!-- End Pharmaceutical Benefit Item Document Link (LINK) -->
```

```
        </supply>
       </entry>
       <!-- End PHARMACEUTICAL BENEFIT ITEM -->
…
      </section>
     </component>
     <!-- End PHARMACEUTICAL BENEFIT ITEMS -->

    </section>
   </component>
   <!-- End PHARMACEUTICAL BENEFITS HISTORY -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.4 AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY

## Identification

| | |
|---|---|
| **Name** | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY |
| **Metadata Type** | Section |
| **Identifier** | S-16776 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 0..1 |

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | EXCLUSION STATEMENT | 0..1 |
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | 0..1 |

# CDA R-MIM Representation

Figure 7.15, “AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship.

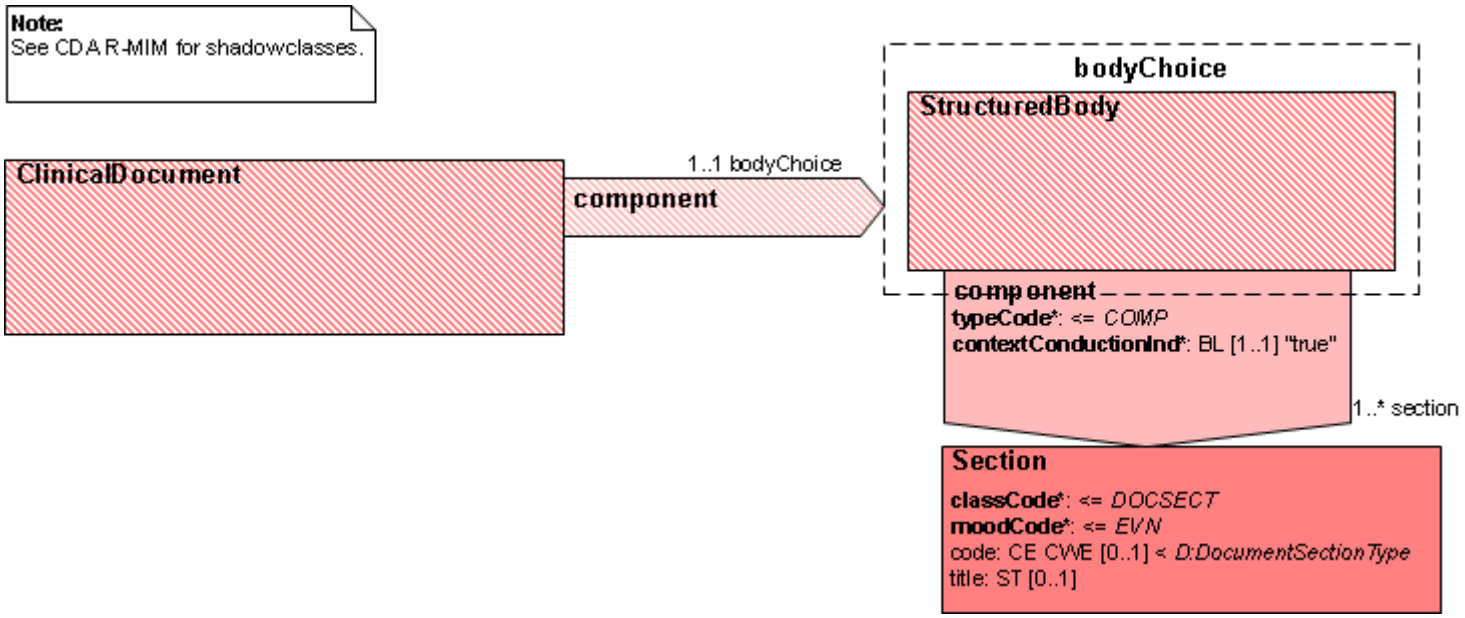


**Figure 7.15. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/ | | |
| **AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY** | Information held by the Department of Human Services about vaccines administered to a child for immunisation, or conditions that prevent that child from being immunised. | 0..1 | **component[med_acir]/section** | | Each instance of this section **SHALL** contain either exactly one instance of EXCLUSION STATEMENT OR exactly one instance of AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES. |
| | | | component[med_acir]/section/**code** | | |
| | | | component[med_acir]/section/code/**@code="101.16776"** | | |
| | | | component[med_acir]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[med_acir]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[med_acir]/section/code/**@displayName="Australian Childhood Immunisation Register History"** | | |
| | | | component[med_acir]/section/**title="Australian Childhood Immunisation Register - ACIR"** | | This **SHALL** be an exact match as specified in the section/title. |
| AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY > **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | See: EXCLUSION STATEMENT | | |
| AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY > **AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES** | Information held by the Department of Human Services about vaccines administered to the child for immunisation, or conditions that prevent the child from being immunised. | 0..1 | See: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | | |

### Example 7.15. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     <code code="101.16776" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Childhood Immunisation Register History" />
     <title>Australian Childhood Immunisation Register - ACIR</title>
     …

    </section>
   </component>
   <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.4.1 EXCLUSION STATEMENT

## Identification

| | |
|---|---|
| **Name** | EXCLUSION STATEMENT |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16134 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY | 0..1 |

## CDA R-MIM Representation

Figure 7.16, “EXCLUSION STATEMENT” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The EXCLUSION STATEMENT data group is represented by an observation class and is related to its containing section by an entry relationship.

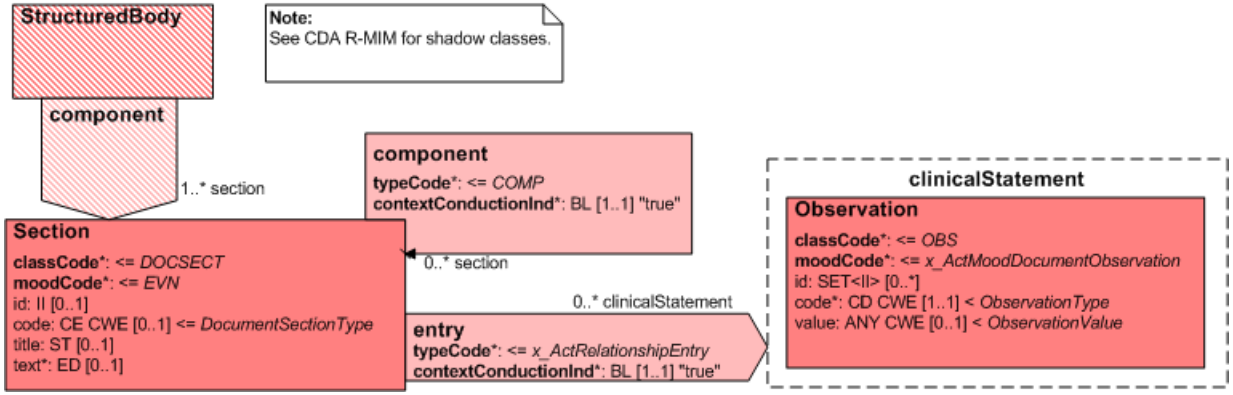


**Figure 7.16. EXCLUSION STATEMENT**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/ | | |
| **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | **component[acir_excl]/section** | | |
| | | | component[acir_excl]/section/**code** | | |
| | | | component[acir_excl]/section/code/**@code="102.16134.172.1.1"** | | |
| | | | component[acir_excl]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[acir_excl]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[acir_excl]/section/code/**@displayName="Exclusion Statement"** | | |
| | | | component[acir_excl]/section/**title** | The title **SHALL** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'Australian Childhood Immunisation Register - ACIR' | |
| | | | component[acir_excl]/section/**text** | The text **SHOULD** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'No Information Available.' | See Appendix A, *CDA Narratives* |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_excl]/section/ | | |
| EXCLUSION STATEMENT > **General Statement** | A general statement about the absence or exclusion of data values. | 1..1 | entry[gnl_stat]/**observation** | | |
| | | | entry[gnl_stat]/observation/**@classCode="OBS"** | | |
| | | | entry[gnl_stat]/observation/**@moodCode="EVN"** | | |
| | | | entry[gnl_stat]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[gnl_stat]/observation/**code** | | |
| | | | entry[gnl_stat]/observation/code/**@code="103.16135.172.1.1"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[gnl_stat]/observation/code/**@displayName="General Statement"** | | |
| | | | entry[gnl_stat]/observation/**value:ST** | | |

### Example 7.16. EXCLUSION STATEMENT XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     …

     <!-- NOTE: This Exclusion Statement is provided for illustrative purpose only. This section component cannot contain both the section for Exclusion Statement and
     the section for Australian Childhood Immunisation Register Entries -->
     <!-- Begin EXCLUSION STATEMENT -->
     <component>
      <section>
       <code code="102.16134.172.1.1" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Exclusion Statement" />
       <title>Australian Childhood Immunisation Register - ACIR</title>
       <text>No Information Available</text>
       <!-- Begin EXCLUSION STATEMENT - General Statement -->
       <entry>
        <observation classCode="OBS" moodCode="EVN">
         <!-- ID is used for system purposes such as matching -->
         <id root="D1645208-09A6-11E1-8B51-296A4824019B"/>
         <code code="103.16135.172.1.1" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="General Statement" />
         <value xsi:type="ST">No Information Available</value>
        </observation>
       </entry>
       <!-- End EXCLUSION STATEMENT - General Statement -->
      </section>
     </component>
     <!-- End EXCLUSION STATEMENT -->

    </section>
   </component>
   <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.4.2 AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES

## Identification

| | |
|---|---|
| **Name** | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES |
| **Metadata Type** | Section |
| **Identifier** | S-16658 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY | 0..1 |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | 1..* |
| | Australian Childhood Immunisation Register Entries Document Link (LINK) | 1..1 |

## CDA R-MIM Representation

Figure 7.17, “AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship.

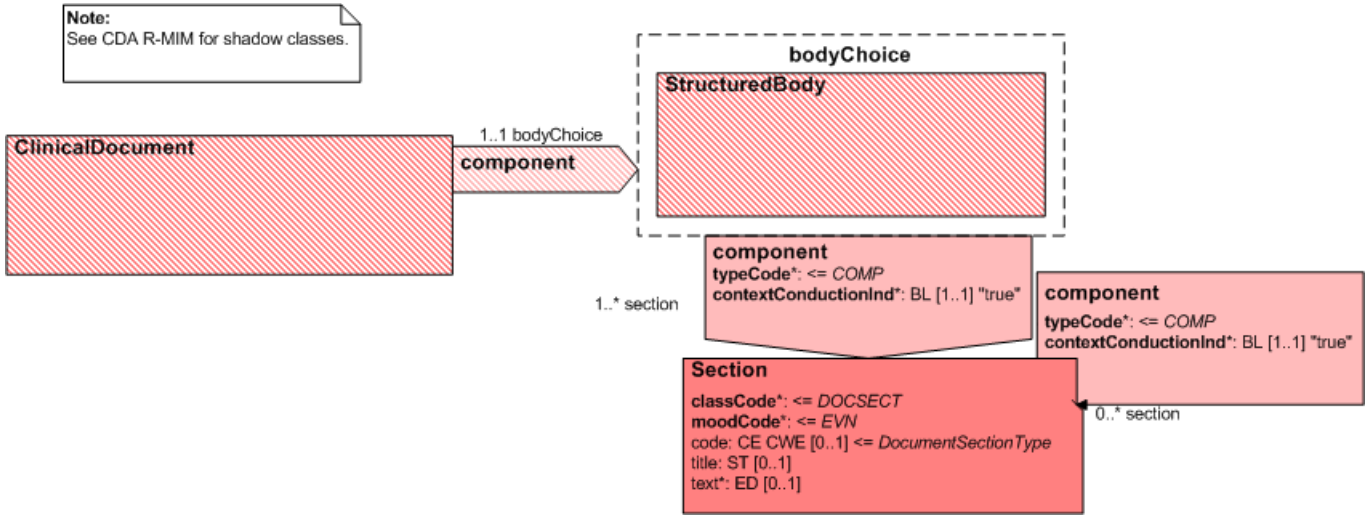


**Figure 7.17. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/ | | |
| **AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES** | Information held by the Department of Human Services about vaccines administered to the child for immunisation, or conditions that prevent the child from being immunised. | 0..1 | **component[acir_details]/section** | | |
| | | | component[acir_details]/section/**code** | | |
| | | | component[acir_details]/section/code/**@code="101.16658"** | | |
| | | | component[acir_details]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[acir_details]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[acir_details]/section/code/**@displayName="Australian Childhood Immunisation Register Entries"** | | |
| | | | component[acir_details]/section/**title="Australian Childhood Immunisation Register - ACIR"** | | This **SHALL** be an exact match as specified in the section/title. |
| | | | component[acir_details]/section/**text** | | See Appendix A, *CDA Narratives* |
| AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES > **AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY** | A run-time choice to be made between a VACCINE ADMINISTRATION ENTRY and a VACCINE CANCELLATION ENTRY. | 1..* | See: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | | |
| AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES > **Australian Childhood Immunisation Register Entries Document Link (LINK)** | A link to the Australian Childhood Immunisation Register source document. | 1..1 | See: Australian Childhood Immunisation Register Entries Document Link (LINK) | | |

### Example 7.17. Australian Childhood Immunisation Register Entries XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     …

     <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->
     <component>
      <section>
       <code code="101.16658" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Childhood Immunisation Register Entries"/>
       <title>Australian Childhood Immunisation Register - ACIR</title>
       <!-- Narrative text -->
       <text> Narrative text goes here </text>
       …

      </section>
     </component>
     <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->

    </section>
   </component>
   <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   …

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.4.2.1 AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY

## Identification

| | |
|---|---|
| **Name** | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY |
| **Metadata Type** | Choice |
| **Identifier** | C-16759 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | 1..* |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | VACCINE ADMINISTRATION ENTRY | 0..1 |
| | VACCINE CANCELLATION ENTRY | 0..1 |

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY** | A run-time choice to be made between a VACCINE ADMINISTRATION ENTRY and a VACCINE CANCELLATION ENTRY. | 1..* | n/a | | Because this data component is a choice, each instance of this data component will contain exactly one of the child data groups. |
| AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY > **VACCINE ADMINISTRATION ENTRY** | A section to hold the details of administration of a vaccine. | 0..1 | See: VACCINE ADMINISTRATION ENTRY | | |
| AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY > **VACCINE CANCELLATION ENTRY** | A section to hold details of the cancellation of the administration of a vaccine. | 0..1 | See: VACCINE CANCELLATION ENTRY | | |

### 7.1.4.2.1.1 VACCINE ADMINISTRATION ENTRY

#### Identification

| | |
|---|---|
| **Name** | VACCINE ADMINISTRATION ENTRY |
| **Metadata Type** | Section |
| **Identifier** | S-16763 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | 0..1 |

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | Vaccine Administration (MEDICATION ACTION) | 1..1 |

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **VACCINE ADMINISTRATION ENTRY** | A section to hold the details of administration of a vaccine. | 0..1 | n/a | | This logical NEHTA data component has no mapping to CDA. |
| VACCINE ADMINISTRATION ENTRY > **Vaccine Administration (MEDICATION ACTION)** | Details of the administration of a vaccine to the child. | 1..1 | See: Vaccine Administration (MEDICATION ACTION) | | |

### 7.1.4.2.1.1.1 Vaccine Administration (MEDICATION ACTION)

#### Identification

| | |
|---|---|
| **Name** | Vaccine Administration (MEDICATION ACTION) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16210 |

#### Relationships

**Parent**

| Data Type | Name | Occurrence |
|---|---|---|
| | VACCINE ADMINISTRATION ENTRY | 1..1 |

## CDA R-MIM Representation

Figure 7.18, “Vaccine Administration (MEDICATION ACTION)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The Vaccine Administration (MEDICATION ACTION) data group is described by a SubstanceAdministration which is related to the containing section by an entry. Vaccine Type maps to consumable.manufacturedProduct.manufacturedMaterial.code.

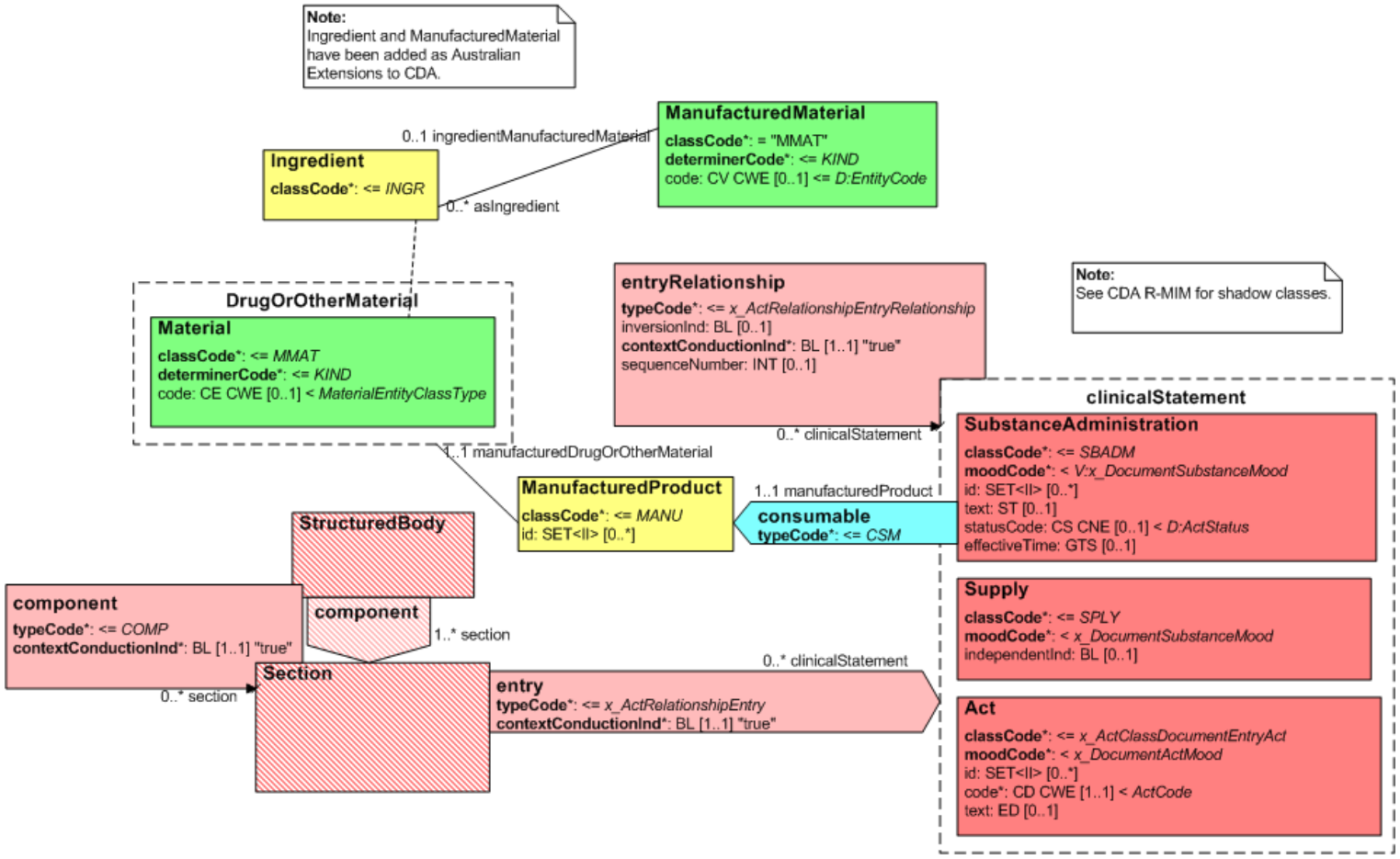


**Figure 7.18. Vaccine Administration (MEDICATION ACTION)**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **Vaccine Administration (MEDICATION ACTION)** | Details of the administration of a vaccine to the child. | 1..1 | entry[med_act] | | |
| | | | entry[med_act]/**substanceAdministration** | | |
| | | | entry[med_act]/substanceAdministration/**@moodCode="EVN"** | | |
| | | | entry[med_act]/substanceAdministration/**@classCode="SBADM"** | | |
| | | | entry[med_act]/substanceAdministration/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| Vaccine Administration (MEDICATION ACTION) > **Vaccine Type (Therapeutic Good Identification)** | The medicine, vaccine or other therapeutic good that was the focus of the action. | 1..1 | entry[med_act]/substanceAdministration/**consumable/manufacturedProduct/manufacturedMaterial/code** | Australian Medicines Terminology:<br><br>The reference set allowed in the context of Administering is 929360031000036100 \|*Trade product unit of use reference set*\|<br><br>For items without an AMT code, the value from 'Australian Vaccine Code' **SHOULD** be used.<br><br>When a suitable 'Australian Medicines Terminology' code becomes available, it **SHOULD** be used and the usage of 'Australian Vaccine Code' **SHOULD** be deprecated. | See <code> for available attributes. |
| Vaccine Administration (MEDICATION ACTION) > **Medicare Antigen Code (Reason for Action)** | A description of the antigen, or one of the antigens, contained in the administered vaccine. | 0..* | entry[med_act]/substanceAdministration/consumable/manufacturedProduct/manufacturedMaterial/**ext:asIngredient** | | |
| | | | entry[med_act]/substanceAdministration/consumable/manufacturedProduct/manufacturedMaterial/ext:asIngredient/**@classCode="INGR"** | | |
| | | | entry[med_act]/substanceAdministration/consumable/manufacturedProduct/manufacturedMaterial/ext:asIngredient/**ext:ingredientManufacturedMaterial** | | |
| | | | entry[med_act]/substanceAdministration/consumable/manufacturedProduct/manufacturedMaterial/ext:asIngredient/ext:ingredientManufacturedMaterial/**@classCode="MMAT"** | | |
| | | | entry[med_act]/substanceAdministration/consumable/manufacturedProduct/manufacturedMaterial/ext:asIngredient/ext:ingredientManufacturedMaterial/**@determinerCode="KIND"** | | |
| | | | entry[med_act]/substanceAdministration/consumable/manufacturedProduct/manufacturedMaterial/ext:asIngredient/ext:ingredientManufacturedMaterial/**ext:code** | | See <code> for available attributes. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Vaccine Administration (MEDICATION ACTION) > **Vaccine Dose Number (Sequence Number)** | The dose number of the provided vaccine. | 0..1 | entry[med_act]/substanceAdministration/**entryRelationship[sply]/@typeCode="COMP"** | | |
| | | | entry[med_act]/substanceAdministration/entryRelationship[sply]/**sequenceNumber/@value** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/**supply** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/supply/**@moodCode="EVN"** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/supply/**@classCode="SPLY"** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/supply/**independentInd/@value="false"** | | |
| Vaccine Administration (MEDICATION ACTION) > **Date Vaccination Received (Medication Action DateTime)** | The recorded date the vaccination item was supplied or administered. | 1..1 | entry[med_act]/substanceAdministration/**effectiveTime** | | See <time> for available attributes. |

### Example 7.18. Vaccine Administration (MEDICATION ACTION) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     …

     <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->
     <component>
      <section>
       …

       <!-- Begin Vaccine Administration Entry / Vaccine Administration (MEDICATION ACTION)-->
       <entry>
        <substanceAdministration classCode="SBADM" moodCode="EVN">
         <id root="0D183538-EFE6-11E0-8B34-CC2D4924019B"/>

         <!-- Date Vaccination Received (Medication Action DateTime) -->
         <effectiveTime value="201112141120+1000"/>

         <consumable>
          <manufacturedProduct>
           <manufacturedMaterial>
            <!-- Vaccine Type (Therapeutic Good Identification) -->
            <code code="IFXB" codeSystem="1.2.36.1.2001.1005.17" codeSystemName="Australian Vaccine Code" displayName="Infanrix-Hep B"/>

            <!-- Medicare Antigen Code (Reason for Action) -->
            <ext:asIngredient classCode="INGR">
             <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
              <ext:code>
               <originalText>Diphtheria</originalText>
              </ext:code>
             </ext:ingredientManufacturedMaterial>
            </ext:asIngredient>

            <!-- Medicare Antigen Code (Reason for Action) -->
            <ext:asIngredient classCode="INGR">
             <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
              <ext:code>
               <originalText>Tetanus</originalText>
              </ext:code>
             </ext:ingredientManufacturedMaterial>
            </ext:asIngredient>

            <!-- Medicare Antigen Code (Reason for Action) -->
            <ext:asIngredient classCode="INGR">
```

```
            <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
             <ext:code>
              <originalText>Pertussis</originalText>
             </ext:code>
            </ext:ingredientManufacturedMaterial>
           </ext:asIngredient>

           <!-- Medicare Antigen Code (Reason for Action) -->
           <ext:asIngredient classCode="INGR">
            <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
             <ext:code>
              <originalText>hepatitis B</originalText>
             </ext:code>
            </ext:ingredientManufacturedMaterial>
           </ext:asIngredient>

          </manufacturedMaterial>
         </manufacturedProduct>
        </consumable>

        <!-- Vaccine Dose Number (Vaccine Sequence Number) -->
        <entryRelationship typeCode="COMP">
         <sequenceNumber value="123456"/>
         <supply classCode="SPLY" moodCode="EVN">
          <independentInd value="false"/>
         </supply>
        </entryRelationship>

       </substanceAdministration>
      </entry>
      <!-- End Vaccine Administration Entry / Vaccine Administration (MEDICATION ACTION)-->
      …

     </section>
    </component>
    <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->

   </section>
  </component>
  <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->

 </structuredBody>
</component>
<!-- End CDA Body -->

</ClinicalDocument>
```

### 7.1.4.2.1.2 VACCINE CANCELLATION ENTRY

#### Identification

| | |
|---|---|
| **Name** | VACCINE CANCELLATION ENTRY |
| **Metadata Type** | Section |
| **Identifier** | S-16762 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | 0..1 |

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | Vaccine Cancellation (MEDICATION ACTION) | 1..1 |
| | VACCINE CANCELLATION REASON | 0..* |

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **VACCINE CANCELLATION ENTRY** | A section to hold details of the cancellation of the administration of a vaccine. | 0..1 | n/a | | This logical NEHTA data component has no mapping to CDA. |
| VACCINE CANCELLATION ENTRY > **Vaccine Cancellation (MEDICATION ACTION)** | Details of the cancellation of a vaccine that was initially scheduled to be administered to the child. | 1..1 | See: Vaccine Cancellation (MEDICATION ACTION) | | |
| VACCINE CANCELLATION ENTRY > **VACCINE CANCELLATION REASON** | The reason for the cancellation of the scheduled administration of the vaccine. | 0..* | See: VACCINE CANCELLATION REASON | | |

### 7.1.4.2.1.2.1 Vaccine Cancellation (MEDICATION ACTION)

#### Identification

| | |
|---|---|
| **Name** | Vaccine Cancellation (MEDICATION ACTION) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16210 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | VACCINE CANCELLATION ENTRY | 1..1 |

## CDA R-MIM Representation

Figure 7.19, “Vaccine Cancellation (MEDICATION ACTION)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The Vaccine Cancellation (MEDICATION ACTION) data group is described by a SubstanceAdministration which is related to the containing section by an entry. Vaccine Type maps to consumable.manufacturedProduct.manufacturedMaterial.code.

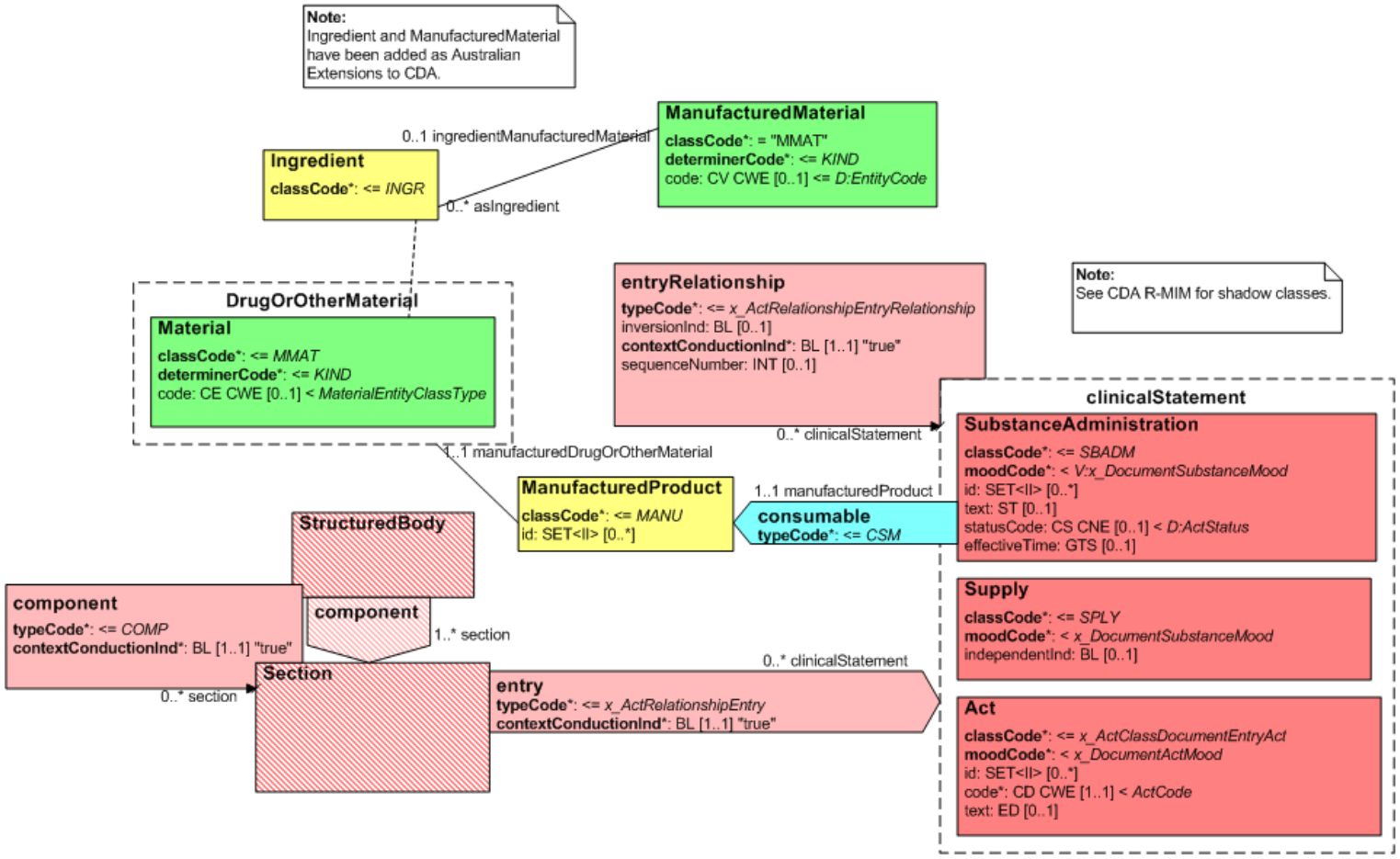


**Figure 7.19. Vaccine Cancellation (MEDICATION ACTION)**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **Vaccine Cancellation (MEDICATION ACTION)** | Details of the cancellation of a vaccine that was initially scheduled to be administered to the child. | 1..1 | entry[vac_cancelled] | | |
| | | | entry[vac_cancelled]/**substanceAdministration** | | |
| | | | entry[vac_cancelled]/substanceAdministration/**@moodCode="EVN"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/**@classCode="SBADM"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[vac_cancelled]/substanceAdministration/statusCode/**@code="Cancelled"** | | |
| Vaccine Cancellation (MEDICATION ACTION) > **Vaccine Type (Therapeutic Good Identification)** | The medicine, vaccine or other therapeutic good that was the focus of the action. | 1..1 | entry[vac_cancelled]/substanceAdministration/**consumable/ manufacturedProduct/manufacturedMaterial/code** | Australian Medicines Terminology:<br><br>The reference set allowed in the context of Administering is 929360031000036100 \|*Trade product unit of use reference set*\|<br><br>For items without an AMT code, the value from 'Australian Vaccine Code' **SHOULD** be used.<br><br>When a suitable 'Australian Medicines Terminology' code becomes available, it **SHOULD** be used and the usage of 'Australian Vaccine Code' **SHOULD** be deprecated. | See <code> for available attributes. |
| Vaccine Cancellation (MEDICATION ACTION) > **Medicare Antigen Code (Reason for Action)** | A description of the antigen, or one of the antigens, contained in the cancelled vaccine. | 0..* | entry[vac_cancelled]/substanceAdministration/consumable/ manufacturedProduct/manufacturedMaterial/**ext:asIngredient** | | |
| | | | entry[vac_cancelled]/substanceAdministration/consumable/ manufacturedProduct/manufacturedMaterial/ext:asIngredient/**@classCode= "INGR"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/consumable/ manufacturedProduct/manufacturedMaterial/ext:asIngredient/ **ext:ingredientManufacturedMaterial** | | |
| | | | entry[vac_cancelled]/substanceAdministration/consumable/ manufacturedProduct/manufacturedMaterial/ext:asIngredient/ ext:ingredientManufacturedMaterial/**@classCode="MMAT"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/consumable/ manufacturedProduct/manufacturedMaterial/ext:asIngredient/ ext:ingredientManufacturedMaterial/**@determinerCode="KIND"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/consumable/ manufacturedProduct/manufacturedMaterial/ext:asIngredient/ ext:ingredientManufacturedMaterial/**ext:code** | | See <code> for available attributes. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Vaccine Cancellation (MEDICATION ACTION) > **Vaccine Dose Number (Sequence Number)** | The dose number of the scheduled administration of the vaccine, which was cancelled. | 0..1 | entry[vac_cancelled]/substanceAdministration/**entryRelationship[sply]/@typeCode="COMP"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/entryRelationship[sply]/**sequenceNumber/@value** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/**supply** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/supply/**@moodCode="EVN"** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/supply/**@classCode="SPLY"** | | |
| | | | entry[sbadm]/substanceAdministration/entryRelationship[sply]/supply/**independentInd/@value="false"** | | |
| Vaccine Cancellation (MEDICATION ACTION) > **Date Vaccination Cancelled (Medication Action DateTime)** | The date on which the scheduled administration of the vaccine was cancelled. | 0..1 | entry[vac_cancelled]/substanceAdministration/**effectiveTime** | | See <time> for available attributes. |

### Example 7.19. Vaccine Cancellation (MEDICATION ACTION) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     …

     <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->
     <component>
      <section>
       …

       <!-- Begin Vaccine Cancellation Entry / Vaccine Cancellation (MEDICATION ACTION)-->
       <entry>
        <substanceAdministration classCode="SBADM" moodCode="EVN">
         <id root="0D183538-EFE6-11E0-8B34-CC2D4924019B"/>

         <!-- Vaccine Cancellation status -->
         <statusCode code="Cancelled"/>

         <!-- Date Vaccination Cancelled (Medication Action DateTime) -->
         <effectiveTime value="201112141120+1000"/>

         <consumable>
          <manufacturedProduct>
           <manufacturedMaterial>
            <!-- Begin Vaccine Type (Therapeutic Good Identification) -->
            <code code="IFX" codeSystem="1.2.36.1.2001.1005.17" codeSystemName="Australian Vaccine Code" displayName="Infanrix"/>

            <!-- Medicare Antigen Code (Reason for Action) -->
            <ext:asIngredient classCode="INGR">
             <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
              <ext:code>
               <originalText>Diphtheria</originalText>
              </ext:code>
             </ext:ingredientManufacturedMaterial>
            </ext:asIngredient>

            <!-- Medicare Antigen Code (Reason for Action) -->
            <ext:asIngredient classCode="INGR">
             <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
              <ext:code>
               <originalText>Tetanus</originalText>
              </ext:code>
             </ext:ingredientManufacturedMaterial>
            </ext:asIngredient>
```

```
            <!-- Medicare Antigen Code (Reason for Action) -->
            <ext:asIngredient classCode="INGR">
             <ext:ingredientManufacturedMaterial classCode="MMAT" determinerCode="KIND">
              <ext:code>
               <originalText>Pertussis</originalText>
              </ext:code>
             </ext:ingredientManufacturedMaterial>
            </ext:asIngredient>

           </manufacturedMaterial>
          </manufacturedProduct>
         </consumable>
         …

         <!-- Begin Vaccine Dose Number (Sequence Number)-->
         <entryRelationship typeCode="COMP">
          <sequenceNumber value="123456"/>
          <supply classCode="SPLY" moodCode="EVN">
           <independentInd value="false"/>
          </supply>
         </entryRelationship>
         <!-- End Vaccine Dose Number (Sequence Number)-->

        </substanceAdministration>
       </entry>
       <!-- End Vaccine Cancellation Entry / Vaccine Cancellation (MEDICATION ACTION) -->
       …

      </section>
     </component>
     <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->

    </section>
   </component>
   <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

### 7.1.4.2.1.2.2 VACCINE CANCELLATION REASON

#### Identification

| | |
|---|---|
| **Name** | VACCINE CANCELLATION REASON |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16748 |

#### Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | VACCINE CANCELLATION ENTRY | 0..* |

## CDA R-MIM Representation

Figure 7.20, “VACCINE CANCELLATION REASON” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The VACCINE CANCELLATION REASON data group is described by a SubstanceAdministration which is related to the containing section by an entry and an act.

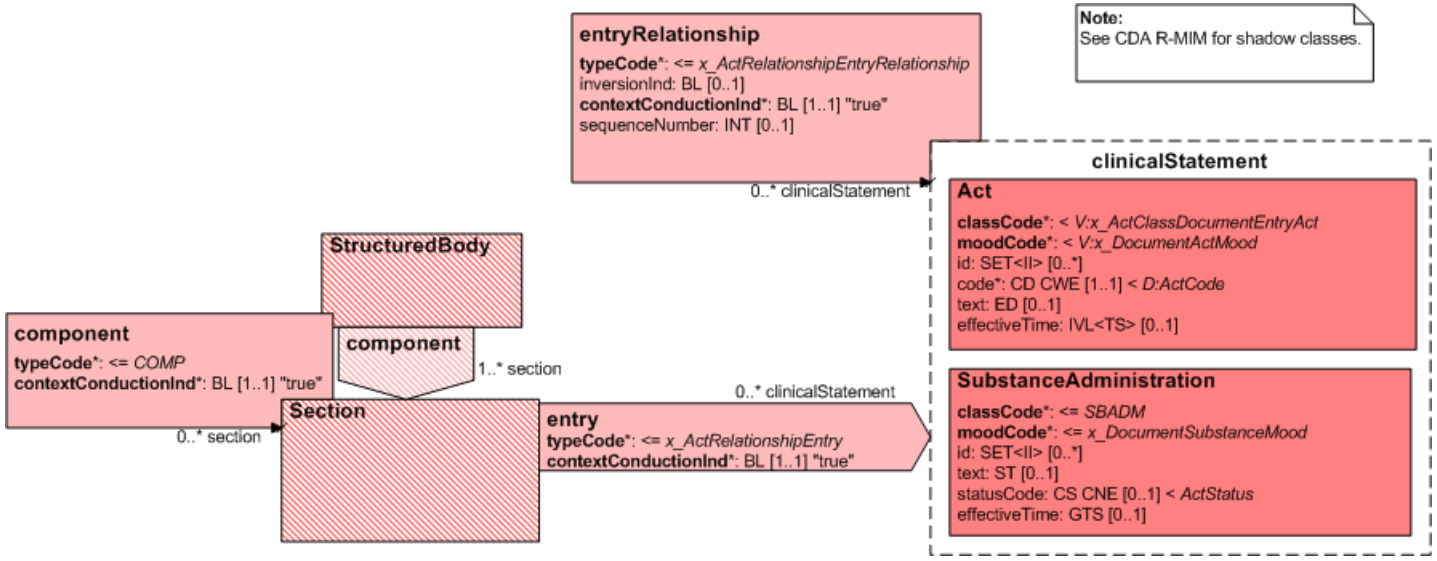


**Figure 7.20. VACCINE CANCELLATION REASON**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **VACCINE CANCELLATION REASON** | The reason for the cancellation of the scheduled administration of the vaccine. | 0..* | entry[vac_cancelled]/ substanceAdministration/**entryRelationship[vac_cancellation_reason]** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/**@typeCode="RSON"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/**act** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/**@classCode="INFRM"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/**@moodCode="EVN"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/**code** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/code/**code="102.16748"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/code/**codeSystem= "1.2.36.1.2001.1001.101"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/code/**codeSystemName= "NCTIS Data Components"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/code/**displayName="Vaccine Cancellation Reason"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. | See <id> for available attributes. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| VACCINE CANCELLATION REASON > **Type (Vaccine Cancellation Reason Type)** | A coded description of the condition that prevented the vaccination. | 1..1 | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/ act/**entryRelationship[reason_type]** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/ entryRelationship[reason_type]/**@typeCode="COMP"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/ entryRelationship[reason_type]/**act** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/entryRelationship[reason_type]/ act/**@classCode="INFRM"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/entryRelationship[reason_type]/ act/**@moodCode="EVN"** | | |
| | | | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/entryRelationship[reason_type]/ act/**code** | There are only two expected values to this data element, namely natural immunity and medical contraindication.<br><br>1, Natural Immunity - The subject has developed a natural immunity to the antigen<br><br>2, Medical Contraindication - The subject displayed contraindications to administering the vaccine | See <code> for available attributes.<br><br>nullFlavor **SHOULD** be provided if the reason is unknown or unsupported. |
| VACCINE CANCELLATION REASON > **Period (Vaccine Cancellation Reason Period)** | The time period in which either the natural immunity or medical contraindication that prevented vaccination (as denoted in the value of Type data element) took place. | 1..1 | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/entryRelationship[reason_type]/ act/**effectiveTime** | | See <time> for available attributes. |
| VACCINE CANCELLATION REASON > **Comment (Vaccine Cancellation Reason Comment)** | Additional narrative about the conditions preventing the vaccination not captured in other fields. | 1..1 | entry[vac_cancelled]/substanceAdministration/ entryRelationship[vac_cancellation_reason]/act/**text** | | |

### Example 7.20. VACCINE CANCELLATION REASON XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     …

     <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->
     <component>
      <section>
       …

       <!-- Begin Vaccine Cancellation Entry / Vaccine Cancellation (MEDICATION ACTION)-->
       <entry>
        <substanceAdministration classCode="SBADM" moodCode="EVN">
         …

         <!-- Begin Vaccine Cancellation Reason -->
         <entryRelationship typeCode="RSON">
          <act classCode="INFRM" moodCode="EVN">
           <id root="2C653566-0FF4-11E1-9FEB-B60E4924019B"/>
           <code code="102.16748" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Vaccine Cancellation Reason"/>

           <!-- Comment (Vaccine Cancellation Reason Comment) -->
           <text>Cancellation Reason goes here</text>

           <!-- Type (Vaccine Cancellation Reason Type)  -->
           <entryRelationship typeCode="COMP">
            <act classCode="INFRM" moodCode="EVN">
            <code code="1" codeSystem="1.2.36.1.2001.1001.101.104.16755" displayName="Natural Immunity"/>

             <!-- Period (Vaccine Cancellation Reason Period) -->
             <effectiveTime>
              <low value="20111212"/>
              <high value="20121212"/>
             </effectiveTime>

            </act>
           </entryRelationship>

          </act>
         </entryRelationship>
         <!-- End Vaccine Cancellation Reason -->
         …

        </substanceAdministration>
```

```
        </entry>
        <!-- End Vaccine Cancellation Entry / Vaccine Cancellation (MEDICATION ACTION) -->
        …

       </section>
      </component>
      <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->

     </section>
    </component>
    <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.4.2.2 Australian Childhood Immunisation Register Entries Document Link (LINK)

## Identification

| | |
|---|---|
| **Name** | Australian Childhood Immunisation Register Entries Document Link (LINK) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16692 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | 1..1 |

## CDA R-MIM Representation

Figure 7.21, “Australian Childhood Immunisation Register Entries Document Link (LINK)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

Each Australian Childhood Immunisation Register Entries Document Link (LINK) data group is modelled as an externalDocument which is related to its containing section.entry by a reference entry.

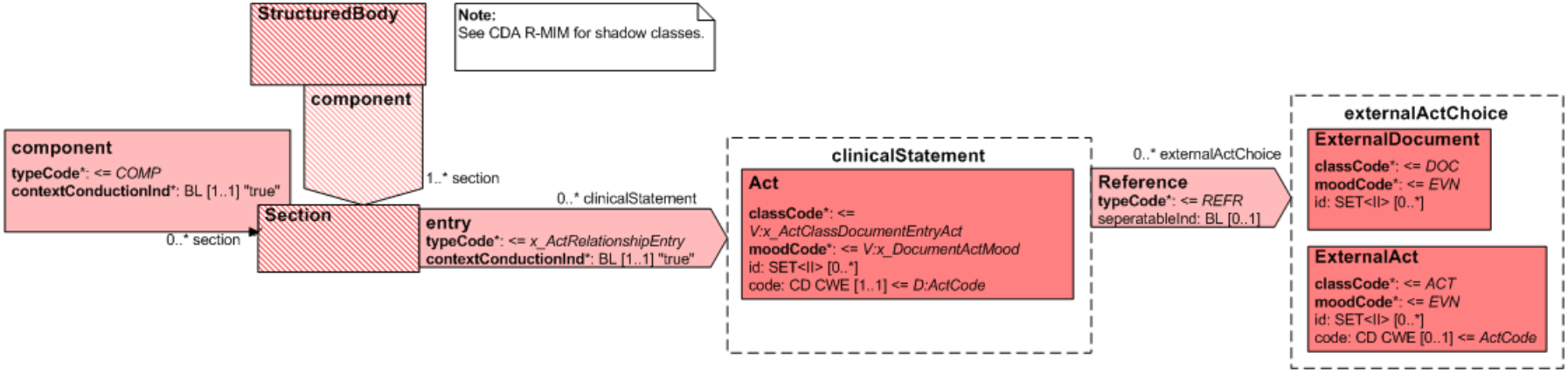


**Figure 7.21. Australian Childhood Immunisation Register Entries Document Link (LINK)**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section/ | | |
| **Australian Childhood Immunisation Register Entries Document Link (LINK)** | A link to the Australian Childhood Immunisation Register source document. | 1..1 | **entry** | | |
| | | | entry/**act** | | |
| | | | entry/act/**@classCode="ACT"** | | |
| | | | entry/act/**@moodCode="EVN"** | | |
| | | | entry/act/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry/act/**code** | | |
| | | | entry/act/code/**@code="102.16692.172.1.1"** | | |
| | | | entry/act/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry/act/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry/act/code/**@displayName="Australian Childhood Immunisation Register Entries Document Link"** | | |
| | | | entry/act/**reference[document]** | | |
| | | | entry/act/reference[document]/**seperatableInd/@value="true"** | | |
| Australian Childhood Immunisation Register Entries Document Link (LINK) > **Link Nature** | The general semantic category of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA. |
| Australian Childhood Immunisation Register Entries Document Link (LINK) > **Link Role** | The detailed semantic description of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 0..1 | entry/act/reference[document]/**@typeCode="REFR"** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Australian Childhood Immunisation Register Entries Document Link (LINK) > **Target Document (Link Target)** | The logical to object in the link relation, as per the linguistic sense of the Link Nature data element (and, if present, the Link Role data element). | 1..1 | entry/act/reference[document]/**externalDocument** | | |
| | | | entry/act/reference[document]/externalDocument/**@classCode="DOC"** | | |
| | | | entry/act/reference[document]/externalDocument/**@moodCode="EVN"** | | |
| | | | entry/act/reference[document]/externalDocument/**id** | | The 'id' **SHALL** be the identifier of the external document and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br>Note: The external document 'id' and repository 'id' **SHALL** be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry/act/reference[document]/externalDocument/**templateId** | | The CDA Implementation Guide's templateId (ClinicalDocument/templateId) of the target document. |
| | | | entry/act/**reference[repository]** | | |
| | | | entry/act/reference[repository]/**seperatableInd/@value="true"** | | |
| | | | entry/act/reference[repository]/**@typeCode="REFR"** | | |
| | | | entry/act/reference[repository]/**externalAct** | | |
| | | | entry/act/reference[repository]/externalAct/**@classCode="ACT"** | | |
| | | | entry/act/reference[repository]/externalAct/**@moodCode="EVN"** | | |
| | | | entry/act/reference[repository]/externalAct/**id** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| | | | | | The 'id' **SHALL** be the identifier of the PCEHR repository and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br><br>Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry/act/reference[repository]/externalAct/**code** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@code="10"** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@codeSystem="1.2.36.1.2001.1007"** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@codeSystemName="PCEHR Identifiers"** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@displayName="PCEHR Assigned Identifier - Repository"** | | |

### Example 7.21. Australian Childhood Immunisation Register Entries Document Link (LINK) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
   <component>
    <section>
     …

     <!-- Begin AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->
     <component>
      <section>
       …

       <text>
        <!-- Add narrative text here -->
        <!-- Link to the external document  -->
        <content>
         <linkHtml href="pcehr:1.2.36.1.2001.1007.10.8003640002000001/3a423320-2883-11e2-81c1-0800200c9a66">ACIR Document</linkHtml>
        </content>
        <!-- Add narrative text here -->
       </text>
       …

       <!-- Begin Australian Childhood Immunisation Register Entries Document Link (LINK) -->
       <entry>
        <act classCode="ACT" moodCode="EVN">
         <!-- Technical Identifier to uniquely identify this act -->
         <id root="32c45290-2883-11e2-81c1-0800200c9a66"/>
         <code code="102.16692.172.1.1" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Childhood Immunisation Register Entries Document Link"/>
         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalDocument classCode="DOC" moodCode="EVN">
           <!-- templateId of the referenced ACIR document. -->
           <templateId extension="1.0" root="1.2.36.1.2001.1001.101.100.1002.144"/>
           <!-- The identifier of the document -->
           <id root="3a423320-2883-11e2-81c1-0800200c9a66"/>
          </externalDocument>
         </reference>

         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalAct classCode="ACT" moodCode="EVN">
           <id root="1.2.36.1.2001.1007.10.8003640002000035"/>
           <code code="10" codeSystem="1.2.36.1.2001.1007" codeSystemName="PCEHR Identifiers" displayName="PCEHR Assigned Identifier - Repository"/>
          </externalAct>
         </reference>
        </act>
```

```
        </entry>
        <!-- End Australian Childhood Immunisation Register Entries Document Link (LINK) -->

       </section>
      </component>
      <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES -->

     </section>
    </component>
    <!-- End AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY -->
    …

   </structuredBody>
  </component>
  <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.5 AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION

## Identification

| | |
|---|---|
| **Name** | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION |
| **Metadata Type** | Section |
| **Identifier** | S-16774 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | Medicare Overview | 0..1 |

**Children**

| Data Type | Name | Occurrence |
|---|---|---|
| | EXCLUSION STATEMENT | 0..1 |
| | AUSTRALIAN ORGAN DONOR REGISTER DETAILS | 0..1 |

# CDA R-MIM Representation

Figure 7.22, “AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship.

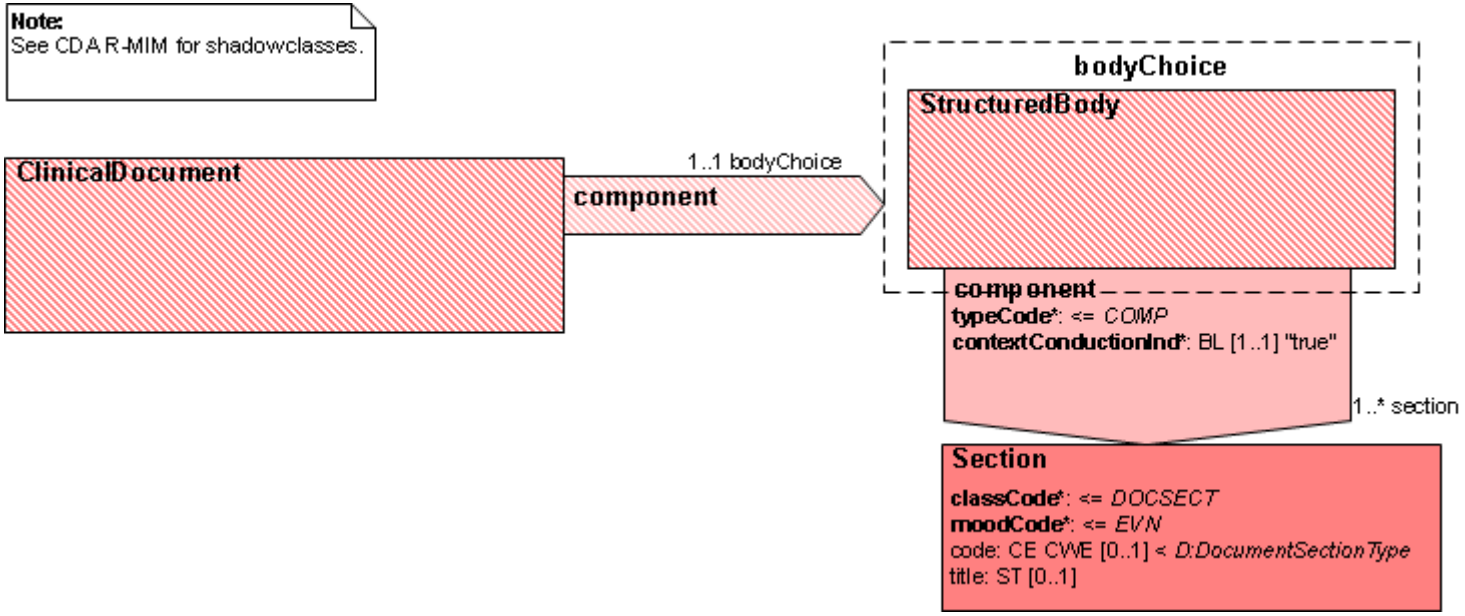


**Figure 7.22. AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/ | | |
| **AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION** | Information about the individual's organ and tissue donation decisions, held by the Department of Human Services, for use within the Australian Organ Donor Register. | 0..1 | **component[med_aodr]/section** | | Each instance of this section **SHALL** contain either exactly one instance of EXCLUSION STATEMENT OR exactly one instance of AUSTRALIAN ORGAN DONOR REGISTER DETAILS. |
| | | | component[med_aodr]/section/**code** | | |
| | | | component[med_aodr]/section/code/**@code="101.16774"** | | |
| | | | component[med_aodr]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[med_aodr]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[med_aodr]/section/code/**@displayName="Australian Organ Donor Register Decision Information"** | | |
| | | | component[med_aodr]/section/**title="Australian Organ Donor Register - AODR"** | | This **SHALL** be an exact match as specified in the section/title. |
| AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION > **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | **See: EXCLUSION STATEMENT** | | |
| AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION > **AUSTRALIAN ORGAN DONOR REGISTER DETAILS** | Information held by the Department of Human Services about an individual's organ and tissue donation decisions, for use within the Australian Organ Donor Register (AODR). | 0..1 | **See: AUSTRALIAN ORGAN DONOR REGISTER DETAILS** | | |

### Example 7.22. AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->
   <component>
    <section>
     <code code="101.16774" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Decision Information"/>
     <title>Australian Organ Donor Register - AODR</title>
     …

    </section>
   </component>
   <!-- End AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.5.1 EXCLUSION STATEMENT

## Identification

| | |
|---|---|
| **Name** | EXCLUSION STATEMENT |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16134 |

## Relationships

**Parent**

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION | 0..1 |

## CDA R-MIM Representation

Figure 7.23, “EXCLUSION STATEMENT” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The EXCLUSION STATEMENT data group is represented by an observation class and is related to its containing section by an entry relationship.

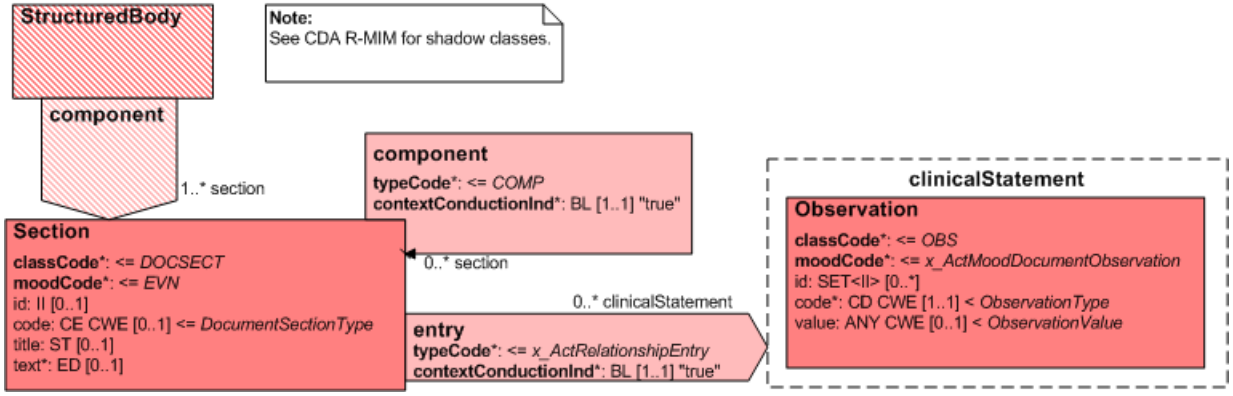


**Figure 7.23. EXCLUSION STATEMENT**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_aodr]/section/ | | |
| **EXCLUSION STATEMENT** | An explicit statement about the absence of information about documents. | 0..1 | **component[aodr_excl]/section** | | |
| | | | component[aodr_excl]/section/**code** | | |
| | | | component[aodr_excl]/section/code/**@code="102.16134.172.1.2"** | | |
| | | | component[aodr_excl]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[aodr_excl]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[aodr_excl]/section/code/**@displayName="Exclusion Statement"** | | |
| | | | component[aodr_excl]/section/**title** | The title **SHALL** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'Australian Organ Donor Register - AODR.' | |
| | | | component[aodr_excl]/section/**text** | The text **SHOULD** be an implementation-specific value as specified in the Medicare Overview - CDA Rendering Guide Ex: 'No Information Available.' | See Appendix A, *CDA Narratives* |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_aodr]/section/component[aodr_excl]/section/ | | |
| EXCLUSION STATEMENT > **General Statement** | A general statement about the absence or exclusion of data values. | 1..1 | entry[gnl_stat]/**observation** | | |
| | | | entry[gnl_stat]/observation/**@classCode="OBS"** | | |
| | | | entry[gnl_stat]/observation/**@moodCode="EVN"** | | |
| | | | entry[gnl_stat]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[gnl_stat]/observation/**code** | | |
| | | | entry[gnl_stat]/observation/code/**@code="103.16135.172.1.2"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[gnl_stat]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[gnl_stat]/observation/code/**@displayName="General Statement"** | | |
| | | | entry[gnl_stat]/observation/**value:ST** | | |

### Example 7.23. EXCLUSION STATEMENT XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->
   <component>
    <section>
     <code code="101.16774" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Decision Information"/>
     <title>Australian Organ Donor Register - AODR</title>

     <!-- NOTE: This Exclusion Statement is provided for illustrative purpose only. This section component cannot contain both the section for Exclusion Statement and
     the section for Australian Organ Donor Register Details -->
     <!-- Begin EXCLUSION STATEMENT -->
     <component>
      <section>
       <code code="102.16134.172.1.2" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Exclusion Statement"/>
       <title>Australian Organ Donor Register - AODR</title>
       <text>No Information Available</text>
       <entry>
        <observation classCode="OBS" moodCode="EVN">
         <!-- ID is used for system purposes such as matching -->
         <id root="D1645208-09A6-11E1-8B51-296A4824019B"/>
         <code code="103.16135.172.1.2" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="General Statement"/>
         <value xsi:type="ST">No Information Available</value>
        </observation>
       </entry>
      </section>
     </component>
     <!-- End EXCLUSION STATEMENT -->

    </section>
   </component>
   <!-- End AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.5.2 AUSTRALIAN ORGAN DONOR REGISTER DETAILS

## Identification

| | |
|---|---|
| **Name** | AUSTRALIAN ORGAN DONOR REGISTER DETAILS |
| **Metadata Type** | Section |
| **Identifier** | S-16670 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION | 0..1 |

### Children

| Data Type | Name | Occurrence |
|---|---|---|
| | AUSTRALIAN ORGAN DONOR REGISTER ENTRY | 1..1 |
| | Australian Organ Donor Register Details Document Link (LINK) | 1..1 |

## CDA R-MIM Representation

Figure 7.24, “AUSTRALIAN ORGAN DONOR REGISTER DETAILS” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Header elements.

The AUSTRALIAN ORGAN DONOR REGISTER DETAILS section is mapped to a CDA Section class.

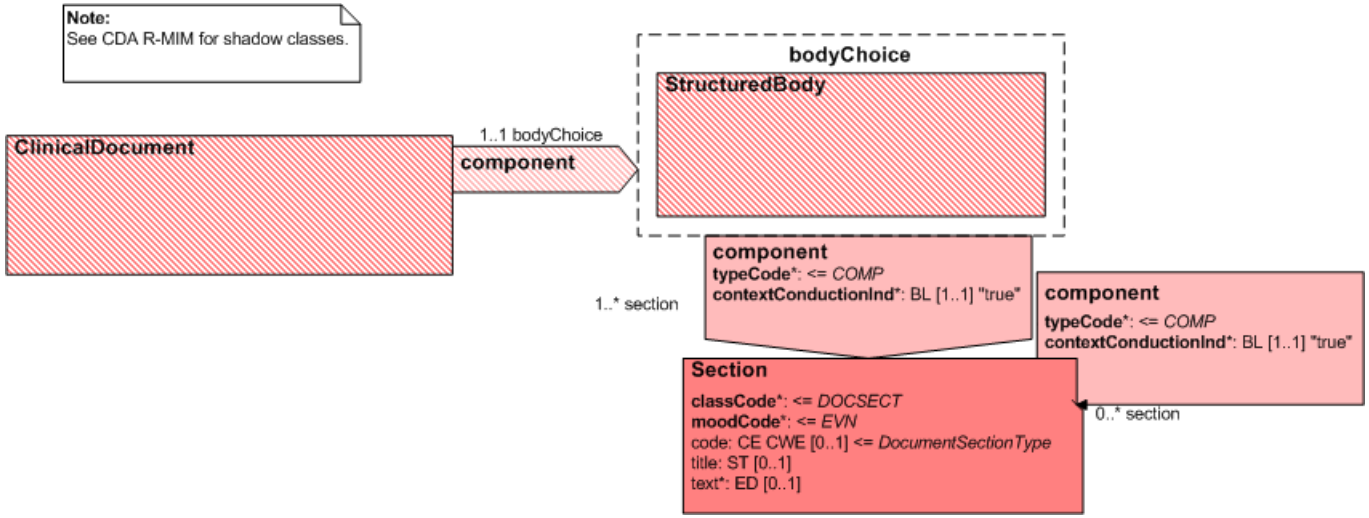


**Figure 7.24. AUSTRALIAN ORGAN DONOR REGISTER DETAILS**

# CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 2 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_aodr]/section/ | | |
| **AUSTRALIAN ORGAN DONOR REGISTER DETAILS** | Information held by the Department of Human Services about an individual's organ and tissue donation decisions, for use within the Australian Organ Donor Register (AODR). | 0..1 | **component[aodr_details]/section** | | |
| | | | component[aodr_details]/section/**code** | | |
| | | | component[aodr_details]/section/code/**@code="101.16670"** | | |
| | | | component[aodr_details]/section/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | component[aodr_details]/section/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | component[aodr_details]/section/code/**@displayName="Australian Organ Donor Register Details"** | | |
| | | | component[aodr_details]/section/**title="Australian Organ Donor Register - AODR"** | | This **SHALL** be an exact match as specified in the section/title. |
| | | | component[aodr_details]/section/**text** | | See Appendix A, *CDA Narratives* |
| AUSTRALIAN ORGAN DONOR REGISTER DETAILS > **AUSTRALIAN ORGAN DONOR REGISTER ENTRY** | Information about an individual's organ and tissue donation decisions, for use within the Australian Organ Donor Register (AODR). | 1..1 | **See: AUSTRALIAN ORGAN DONOR REGISTER ENTRY** | | |
| AUSTRALIAN ORGAN DONOR REGISTER DETAILS > **Australian Organ Donor Register Details Document Link (LINK)** | A link to the Australian Organ Donor Register source document. | 1..1 | **See: Australian Organ Donor Register Details Document Link (LINK)** | | |

### Example 7.24. Australian Organ Donor Register Details XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->
   <component>
    <section>
     <code code="101.16774" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Decision Information"/>
     <title>Australian Organ Donor Register - AODR</title>

     <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DETAILS   -->
     <component>
      <section>
       <code code="101.16670" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Details"/>
       <title>Australian Organ Donor Register - AODR</title>
       <!-- Narrative text -->
       <text>Text goes here</text>
       …

      </section>
     </component>
     <!-- End AUSTRALIAN ORGAN DONOR REGISTER DETAILS   -->

    </section>
   </component>
   <!-- End AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

# 7.1.5.2.1 AUSTRALIAN ORGAN DONOR REGISTER ENTRY

## Identification

| | |
|---|---|
| **Name** | AUSTRALIAN ORGAN DONOR REGISTER ENTRY |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16652 |

## Relationships

### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN ORGAN DONOR REGISTER DETAILS | 1..1 |

## CDA R-MIM Representation

Figure 7.25, “AUSTRALIAN ORGAN DONOR REGISTER ENTRY” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

The AUSTRALIAN ORGAN DONOR REGISTER ENTRY data group is described by Observations which is related to the containing section by an entry. The indicators are contained in an organizer.

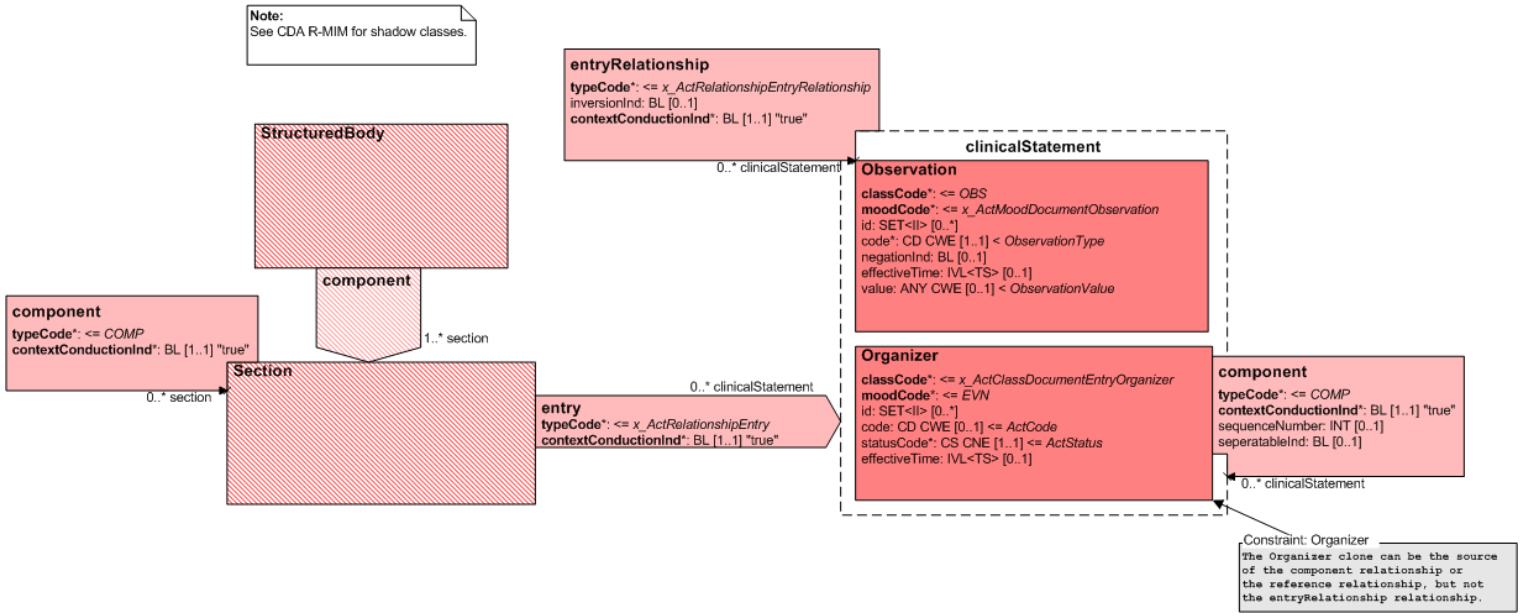


**Figure 7.25. AUSTRALIAN ORGAN DONOR REGISTER ENTRY**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_aodr]/section/component[aodr_details]/section/ | | |
| **AUSTRALIAN ORGAN DONOR REGISTER ENTRY** | Information about an individual's organ and tissue donation decisions, for use within the Australian Organ Donor Register (AODR). | 1..1 | **entry[reg_entry]** | | |
| | | | entry[reg_entry]/**observation** | | |
| | | | entry[reg_entry]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry[reg_entry]/observation/**code** | | |
| | | | entry[reg_entry]/observation/code/**@code="102.16652"** | | |
| | | | entry[reg_entry]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/code/**@displayName="Australian Organ Donor Register Entry"** | | |
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > **Date of Initial Registration** | The date that the individual first registered their organ or tissue donation decision in the AODR. | 1..1 | entry[reg_entry]/observation/**effectiveTime:IVL<TS>/low** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > **Donation Decision** | The individual's decision about donation. | 1..1 | entry[reg_entry]/observation/**entryRelationship[dnr_dec]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/**@typeCode="SUBJ"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/code/**@code="103.16657"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/code/**@displayName="Donation Decision"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/observation/**value:BL** | | |
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > **ORGAN AND TISSUE DONATION DETAILS** | A list of organs and/or tissues for transplantation that the individual has consented to donate. | 0..1 | entry[reg_entry]/observation/**entryRelationship[dnr_dec]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/**@typeCode="SUBJ"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/**organizer** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**@classCode="CLUSTER"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/code/**@code="102.16660"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/code/**@displayName="Organ and Tissue Donation Details"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**statusCode/@code="completed"** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Bone Tissue Indicator** | An indicator that describes the individual's decision to be a bone tissue donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[bone]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/code/**@code="103.16661"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/code/**@displayName="Bone Tissue Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[bone]/observation/**value:BL** | | |
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Eye Tissue Indicator** | An indicator that describes the individual's decision to be an eye tissue (cornea) donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[eye]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/code/**@code="103.16662"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/code/**@displayName="Eye Tissue Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[eye]/observation/**value:BL** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Heart Indicator** | An indicator that describes the individual's decision to be a heart organ donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[heart]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/code/**@code="103.16663"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/code/**@displayName="Heart Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart]/observation/**value:BL** | | |
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Heart Valve Indicator** | An indicator that describes the individual's decision to be a heart valve donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[heart_vlv]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/code/**@code="103.16664"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/code/**@displayName="Heart Valve Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[heart_vlv]/observation/**value:BL** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Kidney Indicator** | An indicator that describes the individual's decision to be a kidney organ donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[kidney]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/code/**@code="103.16665"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/code/**@displayName="Kidney Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[kidney]/observation/**value:BL** | | |
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Liver Indicator** | An indicator that describes the individual's decision to be a liver organ donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[liver]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/code/**@code="103.16666"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/code/**@displayName="Liver Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[liver]/observation/**value:BL** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Lungs Indicator** | An indicator that describes the individual's decision to be a lung organ donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[lung]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/code/**@code="103.16667"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/code/**@displayName="Lungs Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[lung]/observation/**value:BL** | | |
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Pancreas Indicator** | An indicator that describes the individual's decision to be a pancreas organ donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[pancreas]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/code/**@code="103.16668"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/code/**@displayName="Pancreas Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[pancreas]/observation/**value:BL** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| AUSTRALIAN ORGAN DONOR REGISTER ENTRY > ORGAN AND TISSUE DONATION DETAILS > **Skin Tissue Indicator** | An indicator that describes the individual's decision to be a skin tissue donor. | 1..1 | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/**component[skin_tis]** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/**observation** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/**@classCode="OBS"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/**@moodCode="EVN"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/**code** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/code/**@code="103.16669"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/code/**@displayName="Skin Tissue Indicator"** | | |
| | | | entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/component[skin_tis]/observation/**value:BL** | | |

### Example 7.25. AUSTRALIAN ORGAN DONOR REGISTER ENTRY XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->
   <component>
    <section>
     <code code="101.16774" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Decision Information"/>
     <title>Australian Organ Donor Register - AODR</title>

     <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DETAILS   -->
     <component>
      <section>
       …

       <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER ENTRY   -->
       <entry>
        <observation classCode="OBS" moodCode="EVN">
         <id root="9BEB042E-0E73-11E1-B547-7C944824019B"/>
         <code code="102.16652" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Entry"></code>

         <!-- Date of Initial Registration -->
         <effectiveTime>
          <low value="20090101" />
         </effectiveTime>

         <!-- Donation Decision -->
         <entryRelationship typeCode="SUBJ">
          <observation classCode="OBS" moodCode="EVN">
           <code code="103.16657" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Donation Decision" />
           <value value="true" xsi:type="BL" />
          </observation>
         </entryRelationship>

         <!-- Begin Organ and Tissue Donation Details -->
         <entryRelationship typeCode="SUBJ">
          <organizer classCode="CLUSTER" moodCode="EVN">
           <code code="102.16660" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Organ and Tissue Donation Details"></code>

           <!-- Begin Organ and Tissue Donation Details status -->
           <statusCode code="completed"/>

           <!-- Bone Tissue Indicator -->
           <component>
            <observation classCode="OBS" moodCode="EVN">
             <code code="103.16661" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Bone Tissue Indicator"/>
             <value value="true" xsi:type="BL" />
            </observation>
```

```
</component>

<!-- Eye Tissue Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16662" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Eye Tissue Indicator"/>
  <value value="false" xsi:type="BL" />
 </observation>
</component>

<!-- Heart Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16663" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Heart Indicator"/>
  <value value="true" xsi:type="BL" />
 </observation>
</component>

<!-- Heart Valve Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16664" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Heart Valve Indicator"/>
  <value value="true" xsi:type="BL" />
 </observation>
</component>

<!-- Kidney Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16665" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Kidney Indicator"/>
  <value value="true" xsi:type="BL" />
 </observation>
</component>

<!-- Liver Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16666" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Liver Indicator"/>
  <value value="true" xsi:type="BL" />
 </observation>
</component>

<!-- Lungs Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16667" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Lungs Indicator"/>
  <value value="false" xsi:type="BL" />
 </observation>
</component>

<!-- Pancreas Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16668" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Pancreas Indicator"/>
  <value value="true" xsi:type="BL" />
 </observation>
</component>

<!-- Skin Tissue Indicator -->
<component>
 <observation classCode="OBS" moodCode="EVN">
  <code code="103.16669" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Skin Tissue Indicator"/>
  <value value="true" xsi:type="BL" />
 </observation>
</component>
```

```
          </organizer>
         </entryRelationship>
         <!-- End Organ and Tissue Donation Details -->
        </observation>

       </entry>
       <!-- End AUSTRALIAN ORGAN DONOR REGISTER ENTRY   -->
       …

      </section>
     </component>
     <!-- End AUSTRALIAN ORGAN DONOR REGISTER DETAILS   -->

    </section>
   </component>
   <!-- End AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->

  </structuredBody>
 </component>
 <!-- End CDA Body -->

</ClinicalDocument>
```

## 7.1.5.2.2 Australian Organ Donor Register Details Document Link (LINK)

### Identification

| | |
|---|---|
| **Name** | Australian Organ Donor Register Details Document Link (LINK) |
| **Metadata Type** | Data Group |
| **Identifier** | DG-16692 |

### Relationships

#### Parent

| Data Type | Name | Occurrences (child within parent) |
|---|---|---|
| | AUSTRALIAN ORGAN DONOR REGISTER DETAILS | 1..1 |

## CDA R-MIM Representation

Figure 7.26, “Australian Organ Donor Register Details Document Link (LINK)” shows a subset of the CDA R-MIM containing those classes being referred to in the CDA Mapping. This data component maps to CDA Body elements.

Each Australian Organ Donor Register Details Document Link (LINK) data group is modelled as an externalDocument which is related to its containing section.entry by a reference entry.

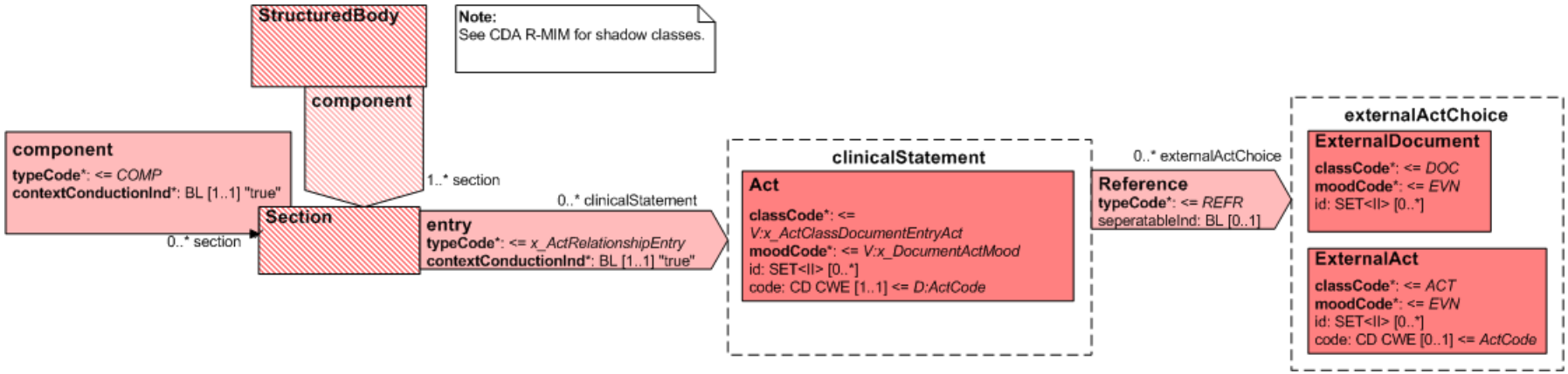


**Figure 7.26. Australian Organ Donor Register Details Document Link (LINK)**

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Body Level 3 Data Elements** | | | Context: ClinicalDocument/component/structuredBody/component[med_aodr]/section/component[acir_details]/section/ | | |
| **Australian Organ Donor Register Details Document Link (LINK)** | A link to the Australian Organ Donor Register source document. | 1..1 | **entry** | | |
| | | | entry/**act** | | |
| | | | entry/act/**@classCode="ACT"** | | |
| | | | entry/act/**@moodCode="EVN"** | | |
| | | | entry/act/**id** | UUID<br><br>This is a technical identifier that is used for system purposes such as matching. If a suitable internal key is not available, a UUID **MAY** be used. | See <id> for available attributes. |
| | | | entry/act/**code** | | |
| | | | entry/act/code/**@code="102.16692.172.1.2"** | | |
| | | | entry/act/code/**@codeSystem="1.2.36.1.2001.1001.101"** | | |
| | | | entry/act/code/**@codeSystemName="NCTIS Data Components"** | | |
| | | | entry/act/code/**@displayName="Australian Organ Donor Register Details Document Link"** | | |
| | | | entry/act/**reference[document]** | | |
| | | | entry/act/reference[document]/**seperatableInd/@value="true"** | | |
| Australian Organ Donor Register Details Document Link (LINK) > **Link Nature** | The general semantic category of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA. |
| Australian Organ Donor Register Details Document Link (LINK) > **Link Role** | The detailed semantic description of the relationship between this instance of this DCM, i.e. the source, and the target DCM instance or target document. | 0..1 | entry/act/reference[document]/**@typeCode="REFR"** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Australian Organ Donor Register Details Document Link (LINK) > **Link Target** | The logical to object in the link relation, as per the linguistic sense of the Link Nature data element (and, if present, the Link Role data element). | 1..1 | entry/act/reference[document]/**externalDocument** | | |
| | | | entry/act/reference[document]/externalDocument/**@classCode="DOC"** | | |
| | | | entry/act/reference[document]/externalDocument/**@moodCode="EVN"** | | |
| | | | entry/act/reference[document]/externalDocument/**id** | | The 'id' **SHALL** be the identifier of the external document and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br>Note: The external document 'id' and repository 'id' **SHALL** be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry/act/reference[document]/externalDocument/**templateId** | | The CDA Implementation Guide's templateId (ClinicalDocument/templateId) of the target document. |
| | | | entry/act/**reference[repository]** | | |
| | | | entry/act/reference[repository]/**seperatableInd/@value="true"** | | |
| | | | entry/act/reference[repository]/**@typeCode="REFR"** | | |
| | | | entry/act/reference[repository]/**externalAct** | | |
| | | | entry/act/reference[repository]/externalAct/**@classCode="ACT"** | | |
| | | | entry/act/reference[repository]/externalAct/**@moodCode="EVN"** | | |
| | | | entry/act/reference[repository]/externalAct/**id** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| | | | | | The 'id' **SHALL** be the identifier of the PCEHR repository and **SHALL** be included in the corresponding CDA narrative inside a <linkHtml href=" pcehr:URN/> Document </linkHtml> element.<br><br>Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details. |
| | | | entry/act/reference[repository]/externalAct/**code** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@code="10"** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@codeSystem="1.2.36.1.2001.1007"** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@codeSystemName="PCEHR Identifiers"** | | |
| | | | entry/act/reference[repository]/externalAct/code/**@displayName="PCEHR Assigned Identifier - Repository"** | | |

### Example 7.26. Australian Organ Donor Register Details Document Link (LINK) XML Fragment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:ext="http://ns.electronichealth.net.au/Ci/Cda/Extensions/3.0"
 …
 >
 <!-- Begin CDA Header -->
  …

 <!-- End CDA Header -->

 <!-- Begin CDA Body -->
 <component>
  <structuredBody>
   …

   <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->
   <component>
    <section>
     <code code="101.16774" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components" displayName="Australian Organ Donor Register Decision Information"/>
     <title>Australian Organ Donor Register - AODR</title>

     <!-- Begin AUSTRALIAN ORGAN DONOR REGISTER DETAILS   -->
     <component>
      <section>
       …

       <text>
        <!-- Add narrative text here -->
        <!-- Link to the external document  -->
        <content>
         <linkHtml href="pcehr:1.2.36.1.2001.1007.10.8003640002000001/842265a0-27ca-11e2-81c1-0800200c9a66">AODR Document</linkHtml>
        </content>
        <!-- Add narrative text here -->
       </text>
       …

       <!-- Begin Australian Organ Donor Register Details Document Link (LINK)-->
       <entry>
        <act classCode="ACT" moodCode="EVN">
         <!-- Technical Identifier to uniquely identify this act -->
         <id root="8c732690-27ca-11e2-81c1-0800200c9a66"/>
         <code code="102.16692.172.1.2" codeSystem="1.2.36.1.2001.1001.101" codeSystemName="NCTIS Data Components"  displayName="Australian Organ Donor Register Details Document Link"/>

         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalDocument classCode="DOC" moodCode="EVN">
           <!-- templateId of the referenced AODR document. -->
           <templateId extension="1.0" root="1.2.36.1.2001.1001.101.100.1002.147"/>
           <!-- The identifier of the document -->
           <id root="842265a0-27ca-11e2-81c1-0800200c9a66"/>
          </externalDocument>
         </reference>

         <reference typeCode="REFR">
          <seperatableInd value="true"/>
          <externalAct classCode="ACT" moodCode="EVN">
           <id root="1.2.36.1.2001.1007.10.8003640002000035"/>
           <code code="10" codeSystem="1.2.36.1.2001.1007" codeSystemName="PCEHR Identifiers" displayName="PCEHR Assigned Identifier - Repository"/>
          </externalAct>
```

```
          </reference>
         </act>
        </entry>
        <!-- End Australian Organ Donor Register Details Document Link (LINK)-->

       </section>
      </component>
      <!-- End AUSTRALIAN ORGAN DONOR REGISTER DETAILS   -->

     </section>
    </component>
    <!-- End AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION -->

   </structuredBody>
  </component>
  <!-- End CDA Body -->

</ClinicalDocument>
```

# 8 Common Patterns

## 8.1 code

The <code> element pattern refines the kind of act being recorded. It is of data type CD CWE (Concept Descriptor, Coded With Extensibility). It may have:

- a null attribute (*nullFlavor*)
- *originalText*
- *code* and *codeSystem*
- *translation* (CD)
- any combination of the above.

A *displayName* is highly recommended.

Where used, the *code* attribute **SHALL** contain a code from the relevant vocabulary.

Where used, the *codeSystem* attribute **SHALL** contain the OID for the relevant vocabulary. Values for coding systems can be obtained from the HL7 OID registry accessible from the HL7 home web page at *www.hl7.org*[1].

Where used, the *displayName* attribute **SHALL** contain a human readable description of the code value.

The *codeSystemName* **MAY** be present and, where used, **SHALL** contain a human readable name for the coding system.

Where used, the *originalText* element **SHALL** be used to carry the full text associated with this code as selected by, typed by or displayed to the author of this statement.

Codes can be obtained from a variety of sources. Additional vocabularies are also available from the HL7 Version 3 Vocabulary tables, available to HL7 members through the HL7 web site. In some cases, the vocabularies have been specified; in others, a particular code has been fixed or there is no vocabulary specified.

If a vocabulary is specified in this implementation guide and no suitable code, can be found the *originalText* element **SHALL** be used to carry the full text as selected by, typed by or displayed to the author of this statement.

[1] http://www.hl7.org

If a vocabulary is specified in this implementation guide and it is not possible to use this vocabulary, but an alternate vocabulary is in use, the *originalText* element **SHALL** be used to carry the full text as selected by, typed by or displayed to the author of this statement. The *code* element **SHALL** be used to carry the relevant information from the alternate vocabulary and the alternate vocabulary **SHALL** be registered with HL7 and allocated an appropriate OID.

If an alternate vocabulary is in use and a translation into the specified code system is available, the *originalText* element **SHALL** be used to carry the full text as selected by, typed by or displayed to the author of this statement. The *code* element **SHALL** be used to carry the relevant information from the alternate vocabulary and the alternate vocabulary **SHALL** be registered with HL7 and allocated an appropriate OID. The *translation* element **SHALL** be used to indicate the translation code from the specified vocabulary.

**Example 8.1. code**

```
<!-- Specified code system in use -->
<code
   code="271807003"
   codeSystem="2.16.840.1.113883.6.96"
   codeSystemName="SNOMED CT-AU"
   codeSystemVersion="20101130"
   displayName="skin rash" />


<!-- Alternate code system in use and a translation into the specified code system is available -->
<code
   code="49390"
   codeSystem="2.16.840.1.113883.19.6.2"
   codeSystemName="ICD9CM"
   displayName="ASTHMA W/O STATUS ASTHMATICUS">
   <originalText>Patient is Asthmatic</originalText>
   <translation
      code="195967001"
      codeSystem="2.16.840.1.113883.19.6.96"
      codeSystemName="SNOMED CT"
      displayName="Asthma"/>
</code>


<!-- Alternate code system in use and no translation into the specified code system is available -->
<code
   code="49390"
   codeSystem="2.16.840.1.113883.19.6.2"
   codeSystemName="ICD9CM"
   displayName="ASTHMA W/O STATUS ASTHMATICUS">
   <originalText>Patient is Asthmatic</originalText>
</code>



<!-- No suitable code can be found or there is no code system in use -->
<code
    <originalText>Patient is Asthmatic</originalText>
</code>
```

# 8.2 id

The <id> element pattern is of data type II (Instance Identifier). The II data type may have:

- a null attribute (*nullFlavor*)
- a *root*
- a *root* and an *extension*
- a *root* and an *extension* and an *assigningAuthorityName*
- a *root* and an *assigningAuthorityName*
- a *root* and an *assigningAuthorityName* and a *displayable*
- a *root* and an *extension* and a *displayable*
- a *root* and an *extension* and an *assigningAuthorityName* and a *displayable*
- a *root* and a *displayable*

The root attribute is **REQUIRED** and is a unique identifier that guarantees the global uniqueness of the instance identifier. The root alone **MAY** be the entire instance identifier. The root attribute **SHALL** be a UUID or OID.

The extension attribute **MAY** be present, and is a character string as a unique identifier within the scope of the identifier root.

In the case of Entity Identifier, assigningAuthorityName is **RECOMMENDED**.

Identifiers appear in this implementation guide for two different reasons. The first is that the identifier has been identified in the business requirements as relevant to the business process. These identifiers are documented in the Structured Content Specifications ,which make clear the meaning of this identifier.

In addition, the implementation makes clear that identifiers may also be found on many other parts of the CDA content model. These identifiers are allowed to facilitate record matching across multiple versions of related documents, so that the same record can consistently be identified, in spite of variations in the information as the record passes through time or between systems. These identifiers have no meaning in the business specification. If senders provide one of these identifiers, it **SHALL** always be the same identifier in all versions of the record, and it **SHALL** be globally unique per the rules of the II data type.

Throughout the specification, these identifiers are labelled with the following text: "This is a technical identifier that is used for system purposes such as matching."

**Example 8.2. id**

```
<id root="2.16.840.1.113883.19" extension="123A45" />
<ext:id assigningAuthorityName="HPI-O" root="1.2.36.1.2001.1003.0.8003621566684455" />
```

# 8.3 time

The <time> element pattern is of data type TS (Point in Time) and can also be an interval between two times (IVL_TS), representing a period of time. Both forms may either have a nullFlavor attribute or child components following allowed patterns.

Any time that is more specific than a day SHALL include a time zone.

A simple timestamp (point in time) will only contain a value attribute containing the time value, expressed as a series of digits as long as required or available.

**Example 8.3. Simple timestamp**

```
<time value="20091030" />
```

This represents "October 30, 2009" to calendar day precision. In cases where the containing element is defined in the CDA schema as "ANY" data type, it is useful to provide an xsi:type attribute, set to the value "TS".

The period of time pattern is defined in terms of one or both of its lowest and highest values. The low and high elements are instances of the timestamp pattern described above. More complex time period concepts can be expressed by combining a high, low, or centre element with a width element.

**Example 8.4. Low time**

```
<period>
   <low value="20091030" />
</period>
```

This represents "a period after October 30, 2009". In cases where the containing element is defined in the CDA schema as "ANY" data type, it is useful to provide an xsi:type attribute, set to the value "IVL_TS", as in the next example.

**Example 8.5. Interval timestamp 1**

```
<period xsi:type="IVL_TS">
   <high value="200910301030+1000" />
</period>
```

This represents "a period before 10:30 a.m. UTC+10, October 30, 2009". A discretionary xsi:type attribute has been provided to explicitly cast the pattern to "IVL_TS".

**Example 8.6. Interval timestamp 2**

```
<period xsi:type="IVL_TS">
   <low value="2007" />
   <high value="2009" />
</period>
```

This represents "the calendar years between 2007 and 2009". The low element **SHALL** precede the high element. As per the previous example, a discretionary xsi:type attribute has been provided to explicitly cast the pattern to "IVL_TS".

**Example 8.7. Width time**

```
<period>
   <high value="20091017" />
   <width value="2" unit="wk" />
</period>
```

This expresses "two weeks before October 17th, 2009". A low value can be derived from this.

# 8.4 Entity Identifier

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Data Elements** | | | | | |
| **Entity Identifier** | A number or code issued for the purpose of identifying an entity (person, organisation or organisation sub-unit) within a healthcare context. | The cardinality of the group comes from the linking parent and the cardinality of the children data elements comes from the R-MIM diagram. | **ext:asEntityIdentifier** | | See Australian CDA extension: Entity-Identifier. |
| | | | ext:asEntityIdentifier/**@classCode="IDENT"** | | |
| | | | ext:asEntityIdentifier/**ext:id** | | |
| | | | ext:asEntityIdentifier/ext:id/**@root** | Attribute @root **SHALL** be used, **SHALL** be an OID and **SHALL NOT** be a UUID.<br><br>Attribute @root **SHALL** be a globally unique object identifier (OID) that identifies the combination of geographic area, issuer and type. If no such OID exists, it **SHALL** be defined before any identifiers can be created. | |
| | | | ext:asEntityIdentifier/ext:id/**@extension** | Attribute @extension **MAY** be used and if it is used, **SHALL** be a unique identifier within the scope of the root that is populated directly from the designation. | |
| | | | ext:asEntityIdentifier/ext:id/**@assigningAuthorityName** | Attribute @assigningAuthorityName **SHOULD** be used and if it is used, is a human readable name for the namespace represented in the root that is populated with the issuer, or identifier type, or a concatenation of both as appropriate. This **SHOULD NOT** be used for machine readability purposes. | |
| | | | ext:asEntityIdentifier/**ext:code** | | See <code> for available attributes. |
| | | | ext:asEntityIdentifier/**ext:assigningGeographicArea** | | |
| | | | ext:asEntityIdentifier/ext:assigningGeographicArea/**@classCode="PLC"** | | |
| | | | ext:asEntityIdentifier/ext:assigningGeographicArea/**ext:name** | Element ext:name **MAY** be used and if it is used, is the range and extent that the identifier applies to the object with which it is associated that is populated directly from the geographic area. This **SHOULD NOT** be used for machine readability purposes.<br><br>For details see: AS 5017-2006: Health Care Client Identifier Geographic Area | |

### Example 8.8. Entity Identifier

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<!-- person -->
<xs:asEntityIdentifier classCode="IDENT">
 <xs:id root="1.2.36.1.2001.1003.0.8003608833357361" assigningAuthorityName="IHI" />
  <xs:assigningGeographicArea classCode="PLC">
       <xs:name>National Identifier</xs:name>
      </xs:assigningGeographicArea>
</xs:asEntityIdentifier>

<xs:asEntityIdentifier classCode="IDENT">
 <xs:id root="1.2.36.1.2001.1005.29.8003619900015717" extension="542181" assigningAuthorityName="Croydon GP Centre" />
   <xs:code code="MR" codeSystem="2.16.840.1.113883.12.203" codeSystemName="Identifier Type (HL7)" />
</xs:asEntityIdentifier>

<!-- organisation -->
<ext:asEntityIdentifier classCode="IDENT">
   <ext:id assigningAuthorityName="HPI-O" root="1.2.36.1.2001.1003.0.8003621566684455" />
   <ext:assigningGeographicArea classCode="PLC">
      <ext:name>National Identifier</ext:name>
   </ext:assigningGeographicArea>
</ext:asEntityIdentifier>
```

# 8.5 Person Name

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Data Elements** | | | | | |
| **Person Name** | The appellation by which an individual may be identified separately from any other within a social context. | Cardinality comes from linking parent. | **name** | | |
| Person Name > **Name Title** | An honorific form of address commencing a name. | 0..* | name/**prefix** | | |
| Person Name > **Family Name** | That part of a name a person usually has in common with some other members of his/her family, as distinguished from his/her given names. | 1..1 | name/**family** | | |
| Person Name > **Given Name** | The person's identifying names within the family group or by which the person is uniquely socially identified. | 0..* | name/**given** | | |
| Person Name > **Name Suffix** | The additional term used following a person's name to identify that person. | 0..* | name/**suffix** | | |
| Person Name > **Preferred Name Indicator** | A flag to indicate that this is the name a person has selected for use. | 0..1 | name/**@use** | | Space separated list of codes. true='L' false=blank |
| Person Name > **Person Name Usage** | The classification that enables differentiation between recorded names for a person. | 0..1 | name/**@use** | AS 5017-2006: Health Care Client Name Usage | Space separated list of codes. |

### Example 8.9. Person Name

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<!-- preferred name -->
<name use="L">
   <prefix>Ms</prefix>
   <given>Sally</given>
   <family>Grant</family>
</name>
```

# 8.6 Address

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Data Elements** | | | | | |
| **Address** | The description of a location where an entity is located or can be otherwise reached or found and a description of the purpose for which that address is primarily used by that entity. | Cardinality comes from linking parent. | **addr** | | |
| Address > **No Fixed Address Indicator** | A flag to indicate whether or not the participant has no fixed address. | 1..1 | addr/**@nullFlavor** | If true, nullFlavor="NA". If false omit nullFlavor and fill in address. | |
| Address > **Australian or International Address** | Represents a choice to be made at run-time between an AUSTRALIAN ADDRESS and an INTERNATIONAL ADDRESS. | 1..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br>The cardinality of this component propagates to its children. |
| Address > Australian or International Address > **International Address** | The description of a non-Australian location where an entity is located or can be otherwise reached or found. | 0..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br>The cardinality of this component propagates to its children. |
| Address > Australian or International Address > International Address > **International Address Line** | A composite of address details comprising a low level geographical/physical description of a location that, used in conjunction with the other high level address components, i.e. international state/province, international postcode and country, forms a complete geographic/physical address | 0..* | addr/**streetAddressLine** | | |
| Address > Australian or International Address > International Address > **International State/Province** | The designation applied to an internal, political or geographic division of a country other than Australia that is officially recognised by that country | 0..1 | addr/**state** | | |
| Address > Australian or International Address > International Address > **International Postcode** | The alphanumeric descriptor for a postal delivery area (as defined by the postal service of a country other than Australia) aligned with locality, suburb or place for an address | 0..1 | addr/**postalCode** | | |
| Address > Australian or International Address > International Address > **Country** | The country component of the address. | 0..1 | addr/**country** | Australia Bureau of Statistics, Standard Australian Classification of Countries (SACC) Cat. No. 1269 [ABS2008] | Use the name, not the numbered code. |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Address > Australian or International Address > **Australian Address** | The description of an Australian location where an entity is located or can be otherwise reached or found. | 0..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Address > Australian or International Address > Australian Address > **Unstructured Australian Address Line** | A composite of one or more low level standard address components describing a geographical/physical location that, used in conjunction with the other high level address components, e.g. Australian suburb/town/locality name, Australian postcode and Australian State/Territory, forms a complete geographical/physical address. | 0..* | addr/**streetAddressLine** | | |
| Address > Australian or International Address > Australian Address > **Structured Australian Address Line** | The standard low level address components describing a geographical/physical location that, used in conjunction with the other high level address components, i.e. Australian suburb/ town/locality name, Australian postcode and Australian State/Territory, form a complete geographical/physical address. | 0..1 | n/a | | This logical NEHTA data component has no mapping to CDA.<br><br>The cardinality of this component propagates to its children. |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Unit Type** | The specification of the type of a separately identifiable portion within a building/complex, marina etc. to clearly distinguish it from another. | 0..1 | addr/**unitType** | AS 5017 (2006) - Healthcare Client Identification: Australian Unit Type [SA2006a]<br><br>AS 4846 (2006) - Healthcare Provider Identification: Australian Unit Type [SA2006b] | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Unit Number** | The specification of the number or identifier of a building/complex, marina etc. to clearly distinguish it from another. | 0..1 | addr/**unitID** | | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Address Site Name** | The full name used to identify the physical building or property as part of its location. | 0..1 | addr/**additionalLocator** | | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Level Type** | Descriptor used to classify the type of floor or level of a multistorey building/complex. | 0..1 | addr/**additionalLocator** | AS 5017 (2006) - Healthcare Client Identification: Australian Level Type [SA2006a]<br><br>AS 4846 (2006) - Healthcare Provider Identification: Australian Level Type [SA2006b] | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Level Number** | Descriptor used to identify the floor or level of a multistorey building/complex. | 0..1 | addr/**additionalLocator** | | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Street Number** | The numeric or alphanumeric reference number of a house or property that is unique within a street name. | 0..1 | addr/**houseNumber** | | |

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Lot Number** | The Australian Lot reference allocated to an address in the absence of street numbering. | 0..1 | addr/**additionalLocator** | | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Street Name** | The name that identifies a public thoroughfare and differentiates it from others in the same suburb/town/locality. | 0..1 | addr/**streetName** | | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Street Type** | A code that identifies the type of public thoroughfare. | 0..1 | addr/**streetNameType** | AS 5017 (2006) - Healthcare Client Identification: Australian Street Type Code [SA2006a]<br><br>AS 4846 (2006) - Healthcare Provider Identification: Australian Street Type Code [SA2006b] | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Street Suffix** | Term used to qualify Australian Street Name used for directional references. | 0..1 | addr/**direction** | AS 5017 (2006) - Healthcare Client Identification: Australian Street Suffix [SA2006a]<br><br>AS 4846 (2006) - Healthcare Provider Identification: Australian Street Suffix [SA2006b] | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Postal Delivery Type** | Identification for the channel of postal delivery. | 0..1 | addr/**deliveryAddressLine** | AS 5017 (2006) - Healthcare Client Identification: Australian Postal Delivery Type Code [SA2006a]<br><br>AS 4846 (2006) - Healthcare Provider Identification: Australian Postal Delivery Type Code [SA2006b] | |
| Address > Australian or International Address > Australian Address > Structured Australian Address Line > **Australian Postal Delivery Number** | Identification number for the channel of postal delivery. | 0..1 | addr/**deliveryAddressLine** | | |
| Address > Australian or International Address > Australian Address > **Australian Suburb/Town/Locality** | The full name of the general locality contained within the specific address. | 0..1 | addr/**city** | Values in this data element should comply with descriptions in the Australia Post Postcode File (see *www.auspost.com.au/postcodes*) | |
| Address > Australian or International Address > Australian Address > **Australian State/Territory** | The identifier of the Australian state or territory. | 0..1 | addr/**state** | AS 5017-2006 Australian State/Territory Identifier - Postal | |
| Address > Australian or International Address > Australian Address > **Australian Postcode** | The numeric descriptor for a postal delivery area (as defined by Australia Post), aligned with locality, suburb or place for the address. | 0..1 | addr/**postalCode** | Values in this data element should comply with descriptions in the Australia Post Postcode File (see *www.auspost.com.au/postcodes*) | |
| Address > Australian or International Address > Australian Address > **Australian Delivery Point Identifier** | A unique number assigned to a postal delivery point as recorded on the Australia Post Postal Address File. | 0..1 | addr/**additionalLocator** | | |
| Address > **Address Purpose** | The purpose for which the address is being used by the entity. | 1..1 | addr/**@use** | AS 5017-2006: Health Care Client Identifier Address Purpose | Space separated list of codes. |

### Example 8.10. Address

```
<!-- These examples are provided for illustrative purposes only. They have had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<!— no fixed address -->
<addr nullFlavor="NA" />


<!—Australian home address (unstructured) -->
<addr use="H">
   <streetAddressLine>1 Clinician Street</streetAddressLine>
   <city>Nehtaville</city>
   <state>QLD</state>
   <postalCode>5555</postalCode>
   <additionalLocator>32568931</additionalLocator>
</addr>

<!—Australian business address (structured) -->
<addr use="WP">
   <houseNumber>1</houseNumber>
   <streetName>Clinician</streetName>
   <streetNameType>St</streetNameType>
   <city>Nehtaville</city>
   <state>QLD</state>
   <postalCode>5555</postalCode>
   <additionalLocator>32568931</additionalLocator>
</addr>

<!—international postal address -->
<addr use="PST">
   <streetAddressLine>51 Clinician Bay</streetAddressLine>
   <city>Healthville</city>
   <state>Manitoba</state>
   <postalCode>R3T 3C6</postalCode>
   <country>Canada</country>
</addr>
```

# 8.7 Electronic Communication Detail

## CDA Mapping

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Data Elements** | | | | | |
| **Electronic Communication Detail** | The electronic communication details of entities. | Cardinality comes from linking parent. | **telecom** | | |
| Electronic Communication Detail > **Electronic Communication Medium** | A code representing a type of communication mechanism. | 1..1 | telecom/**@value** | AS 5017-2006: Health Care Client Electronic Communication Medium > HL7:URLScheme | Makes up part of the value attribute as 'tel:phone number', 'mailto:email address', http:URL', etc. |
| | | | telecom/**@use** | HL7 v3: TelecommunicationAddressUse > HL7:TelecommunicationAddressUse | Space separated list of codes.<br><br>The section AS 5017-2006: Health Care Client Electronic Communication Usage Code explains how to map AS 5017-2006 to HL7 TelecommunicationAddressUse (HL7 TAU) code |
| Electronic Communication Detail > **Electronic Communication Usage Code** | The manner of use that is applied to an electronic communication medium. | 0..1 | telecom/**@use** | HL7 v3: TelecommunicationAddressUse > HL7:TelecommunicationAddressUse | Space separated list of codes.<br><br>The section AS 5017-2006: Health Care Client Electronic Communication Usage Code explains how to map AS 5017-2006 to HL7 TelecommunicationAddressUse (HL7 TAU) code |
| Electronic Communication Detail > **Electronic Communication Address** | A unique combination of characters used as input to electronic telecommunication equipment for the purpose of contacting an entity. | 1..1 | telecom/**@value** | | |

### Example 8.11. Electronic Communication Detail

```
<!-- These examples are provided for illustrative purposes only. They have had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<!—home telephone number -->
<telecom value="tel:0499999999" use="H" />


<!—pager -->
<telecom value="tel:0499999999" use="PG" />


<!—home email address -->
<telecom value="mailto:clinicial@clinician.com" use="H" />
```

# 8.8 Employment

## CDA Mapping

### Note

NS = In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the *HL7 code set registration procedure*[2] with an appropriate object identifier (OID), and **SHALL** be publicly available.

When national standard code sets become available, they **SHALL** be used and the non-standard code sets **SHALL** be deprecated.

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| **CDA Data Elements** | | | | | |
| **Employment Detail** | A person's occupation and employer. | Cardinality comes from linking parent. | n/a | | This logical NEHTA data component has no mapping to CDA. |
| Employment Detail > **Employer Organisation** | The organisation that the individual is working for in respect to the role they are playing in the nominated participation. | 0..* | **ext:asEmployment/ext:employerOrganization** | | There is a known issue in the NEHTA Participation Data Specification [NEHT2011v] for this logical Data Component's cardinality.<br><br>Furthermore the corresponding CDA elements ext:asEmployment and ext:employerOrganization do not allow the cardinality to be '0..*'/multiple. The cardinality **SHALL** be interpreted as '0..1' instead of '0..*'. |
| | | | ext:asEmployment/**@classCode="EMP"** | | |

[2] http://www.hl7.org/oid/index.cfm?ref=footer

| NEHTA SCS Data Component | Data Component Definition | Card | CDA Schema Data Element | Vocab | Comments |
|---|---|---|---|---|---|
| Employment Detail > Employer Organisation > **Entity Identifier** | A number or code issued for the purpose of identifying a participant within a healthcare context. | 1..* | ext:asEmployment/ext:employerOrganization/asOrganizationPartOf/wholeOrganization/**<Entity Identifier>** | The value of one Entity Identifier **SHALL** be an Australian HPI-O. | See common pattern: Entity Identifier. |
| Employment Detail > Employer Organisation > **Organisation** | Any organisation of interest to, or involved in, the business of healthcare service provision. | 1..1 | n/a | | Not mapped directly, encompassed implicitly in assignedAuthor/ext:asEmployment/employerOrganization. |
| Employment Detail > Employer Organisation > Organisation > **Organisation Name** | The name by which an organisation is known or called. | 1..1 | ext:asEmployment/ext:employerOrganization/**asOrganizationPartOf/wholeOrganization/name** | | |
| Employment Detail > Employer Organisation > Organisation > **Department/Unit** | The name by which a department or unit within a larger organisation is known or called. | 0..1 | ext:asEmployment/ext:employerOrganization/**name** | | |
| Employment Detail > Employer Organisation > Organisation > **Organisation Name Usage** | The classification that enables differentiation between recorded names for an organisation or service location. | 0..1 | ext:asEmployment/ext:employerOrganization/asOrganizationPartOf/wholeOrganization/name/**@use** | AS 4846-2006: Health Care Provider Organisation Name Usage | |
| Employment Detail > **Employment Type** | The basis on which the person is employed by the employer organisation. | 0..1 | ext:asEmployment/**ext:jobClassCode** | NS | |
| Employment Detail > **Occupation** | A descriptor of the class of job based on similarities in the tasks undertaken. | 0..* | ext:asEmployment/**ext:jobCode** | 1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1 [ABS2009] | The corresponding CDA element ext:jobCode doesn't allow the cardinality to be '0..*'/multiple. The cardinality **SHALL** be interpreted as '0..1' instead of '0..*'. |
| Employment Detail > **Position In Organisation** | A descriptor of the job or the job role based on the management hierarchy of the organisation. | 0..1 | ext:asEmployment/**ext:code** | NS | |

### Example 8.12. Employment

```
<!-- This example is provided for illustrative purposes only. It has had no clinical validation.
While every effort has been taken to ensure that the examples are consistent with the message specification,
where there are conflicts with the written message specification or schema, the specification or schema shall be considered to take precedence -->

<!-- Employment Details -->
<ext:asEmployment classCode="EMP">

    <!-- Position In Organisation -->
    <ext:code>
        <originalText>Pathologist</originalText>
    </ext:code>

    <!-- Occupation -->
    <ext:jobCode code="253314" codeSystem="2.16.840.1.113883.13.62"
        codeSystemName="1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1"
        displayName="Medical Oncologist"/>"/>

    <!-- Employment Type -->
    <ext:jobClassCode code="FT" codeSystem="2.16.840.1.113883.5.1059" codeSystemName="HL7:EmployeeJobClass" displayName="full-time"/>

    <!-- Employer Organisation -->
    <ext:employerOrganization>
        <!-- Department/Unit -->
        <name>GP Clinic</name>
        <asOrganizationPartOf>
            <wholeOrganization>

                <!-- Organisation Name -->
                <name use="ORGB">GP Clinics</name>

                <!-- Entity Identifier -->
                <ext:asEntityIdentifier classCode="IDENT">
                    <ext:id assigningAuthorityName="HPI-O" root="1.2.36.1.2001.1003.0.8003621566684455"/>
                    <ext:assigningGeographicArea classCode="PLC">
                        <ext:name>National Identifier</ext:name>
                    </ext:assigningGeographicArea>
                </ext:asEntityIdentifier>

            </wholeOrganization>
        </asOrganizationPartOf>

    </ext:employerOrganization>
</ext:asEmployment>
```

# 8.9 PCEHR URN Scheme

The 'pcehr:URN' scheme is used to convey logical references to other CDA documents. A URN constructed by the pcehr: scheme has the following parts:

pcehr:[repository_id]/[document-id-root-as-OID](^[document-id-extension])

Note that the document-id-extension part is **OPTIONAL** if the original document didn't have an extension in its id. (The document-id-extension part is only supported if original document-id-root is an OID.) Both the repository id and the document id are required when retrieving the document from the PCEHR using the B2B interface.

As an example, the reference:

```
<linkHtml href="pcehr:1.2.36.1.2001.1007.10.8003640002000035/2.25.154933408817574926934338372917507695657^a12323">Document</linkHtml>
```

Creates a hyperlink that refers to the document with the following id element:

< id root="748f16d2-0f9a-4989-96b1-b1279140a429" extension="a12323"/ >

The document is found on the repository "1.2.36.1.2001.1007.10.8003640002000035".

The "2.25.154933408817574926934338372917507695657" is an OID formed using the UUID "748f16d2-0f9a-4989-96b1-b1279140a429" as defined in [ITU-X.667]

The full <linkHtml> format is as follows:

**Example 8.13. PCEHR URN Scheme**

```
<content>
    ...
    <linkHtml href="pcehr:1.2.36.1.2001.1007.10.8003640002000035/748f16d2-0f9a-4989-96b1-b1279140a429^a12323">Document</linkHtml>
    ...
 </content>
```

Notes:

- The pcehr: schema is not a URL – it does not refer directly to a document by its location. In order to retrieve the document, the contents must be parsed and used in a B2B getDocument call.
- The repository id is an opaque reference – the only use consumer applications can make of it is to pass it to the B2B interface when making a getDocument call.
- Documents are globally uniquely identified. Document ids **SHALL** never be changed and **SHALL NOT** be re-used.

- The reference to the CDA document **SHALL** be included in the CDA narrative in a <linkHTML> element.
- Systems should not assume that a particular document will always be associated with the same repository.
- Systems may store the Medicare Overview in order to retain clinical decision making evidence.
- Systems should not rely on the availability of links found in the Medicare Overview.
- Systems can rely on the fact that links provided in the Medicare Overview will never be re-used to point to other documents.

# 9 Australian CDA Extensions

As part of the CDA, standard extensions are allowed as follows:

> Locally-defined markup may be used when local semantics have no corresponding representation in the CDA specification. CDA seeks to standardize the highest level of shared meaning while providing a clean and standard mechanism for tagging meaning that is not shared. In order to support local extensibility requirements, it is permitted to include additional XML elements and attributes that are not included in the CDA schema. These extensions should not change the meaning of any of the standard data items, and receivers must be able to safely ignore these elements. Document recipients must be able to faithfully render the CDA document while ignoring extensions.
>
> Extensions may be included in the instance in a namespace other than the HL7v3 namespace, but must not be included within an element of type ED (e.g., <text> within <procedure>) since the contents of an ED datatype within the conformant document may be in a different namespace. Since all conformant content (outside of elements of type ED) is in the HL7 namespace, the sender can put any extension content into a foreign namespace (any namespace other than the HL7 namespace). Receiving systems must not report an error if such extensions are present. "HL7 Clinical Document Architecture, Release 2" [HL7CDAR2]

This section contains extensions that have been defined for Australian concepts not represented in CDA.

This section is provided for clarity only. Please see the relevant mappings section where these extensions have been used for actual mapping details.

# 9.1 ClinicalDocument.completionCode

Figure 9.1, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

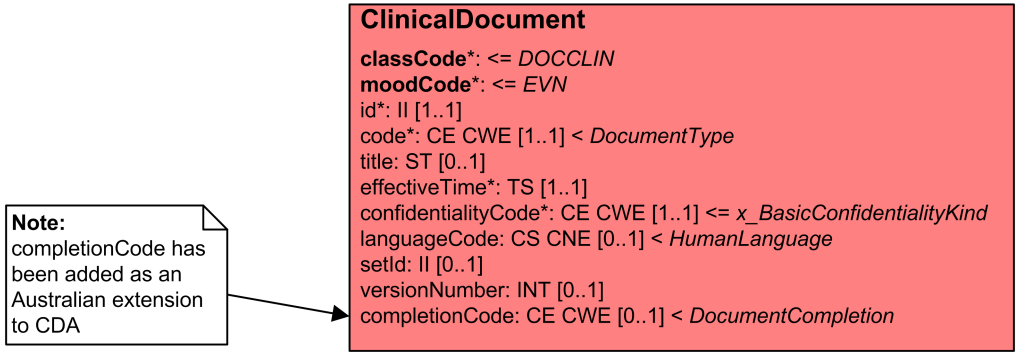


**Figure 9.1. CDA R-MIM Representation**

# 9.2 EntityIdentifier

Figure 9.2, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

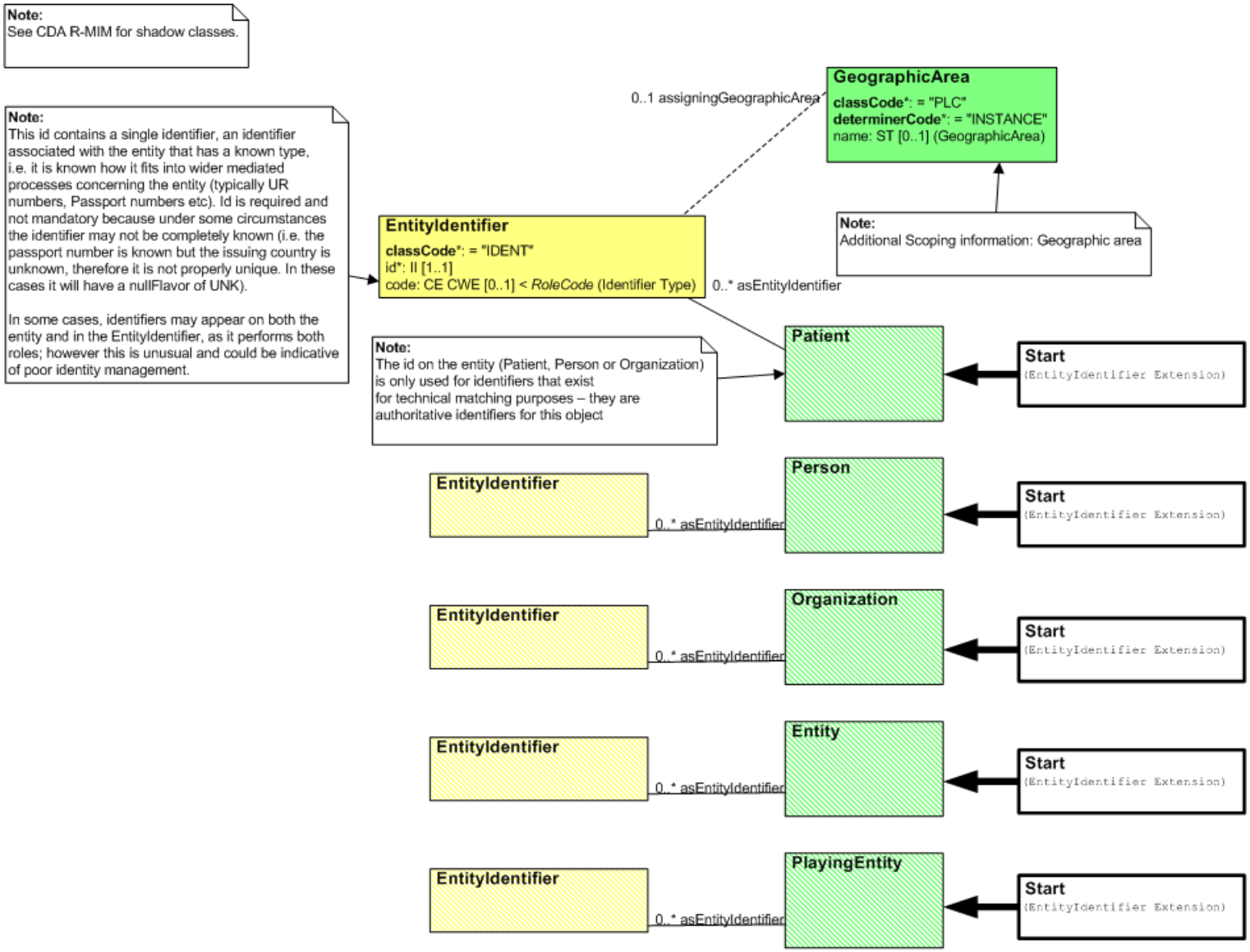


**Figure 9.2. CDA R-MIM Representation**

# 9.3 Entitlement

Figure 9.3, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

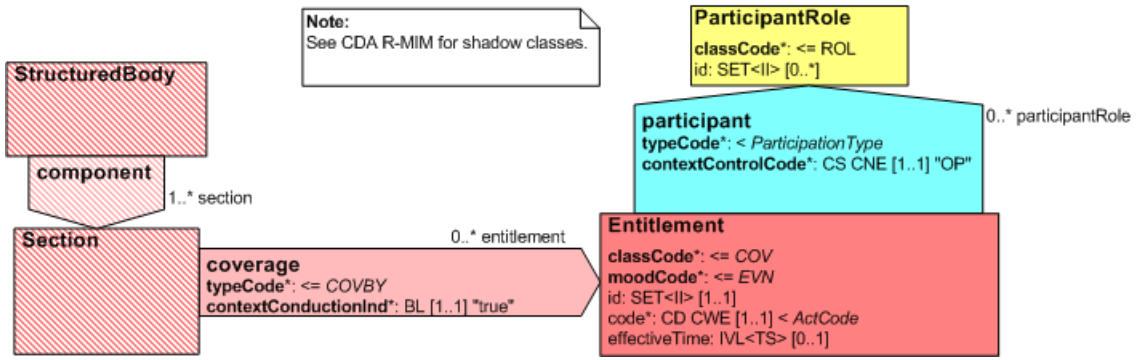


**Figure 9.3. CDA R-MIM Representation**

# 9.4 Multiple Birth

Figure 9.4, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

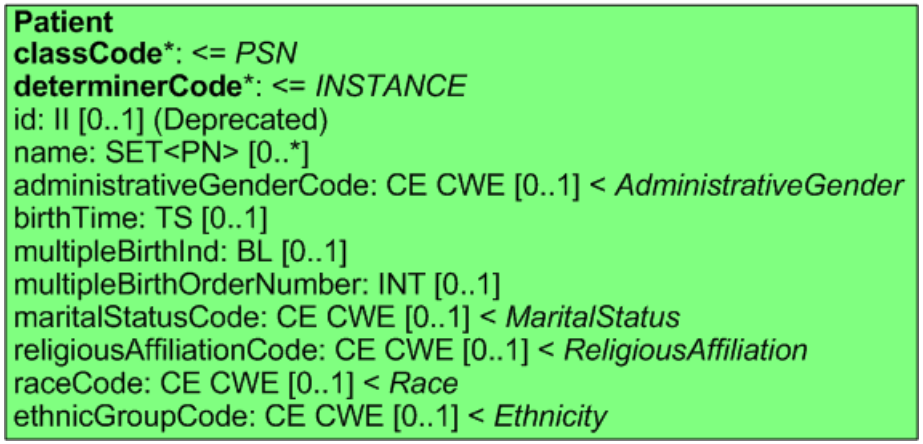


**Figure 9.4. CDA R-MIM Representation**

# 9.5 Administrative Gender Code

Figure 9.5, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

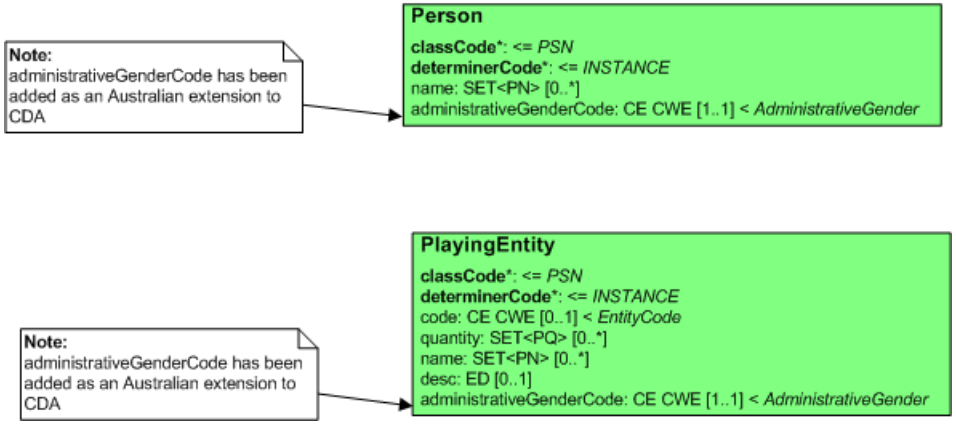


**Figure 9.5. CDA R-MIM Representation**

# 9.6 Birth Time

Figure 9.6, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

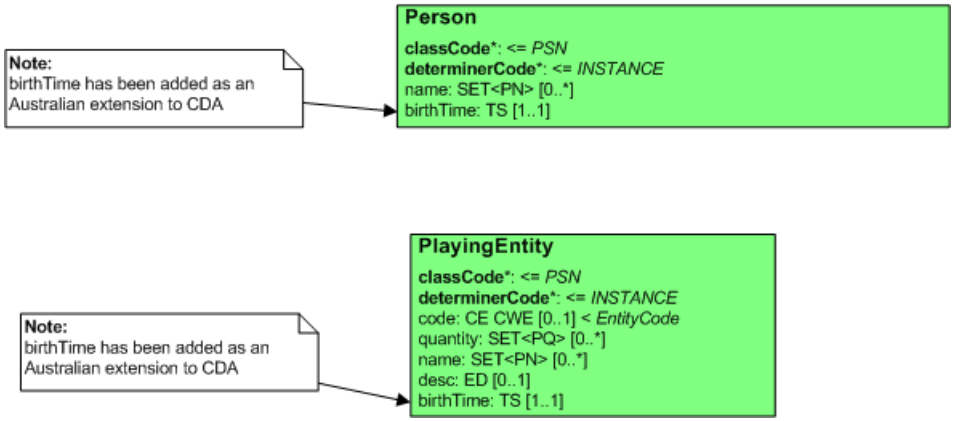


**Figure 9.6. CDA R-MIM Representation**

# 9.7 Deceased Time

Figure 9.7, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

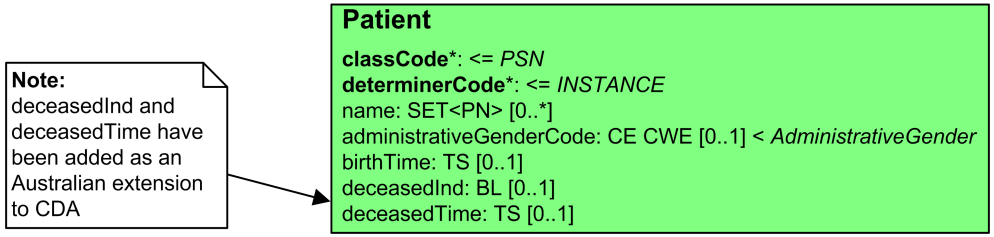


**Figure 9.7. CDA R-MIM Representation**

# 9.8 Employment

Figure 9.8, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

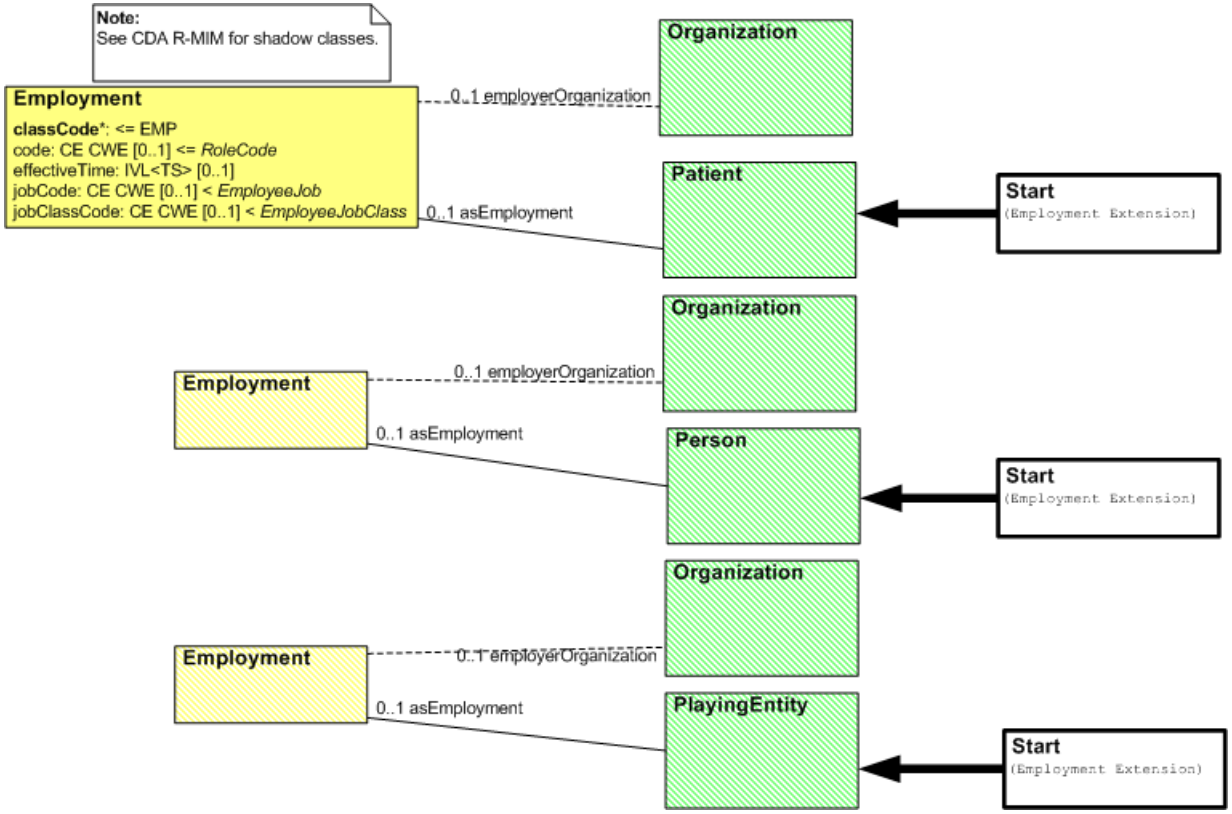


**Figure 9.8. CDA R-MIM Representation**

# 9.9 Qualifications

Figure 9.9, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

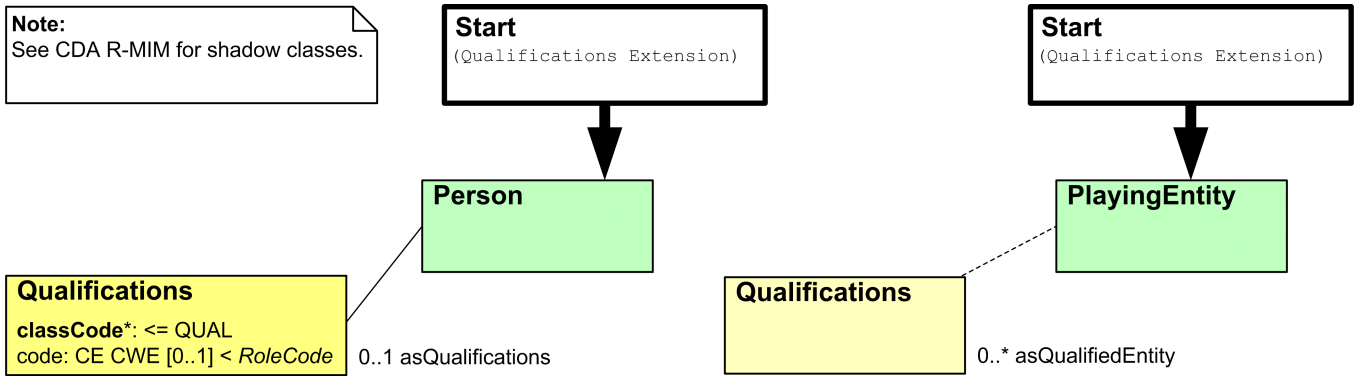


**Figure 9.9. CDA R-MIM Representation**

# 9.10 Participant Entity Organization

Figure 9.10, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

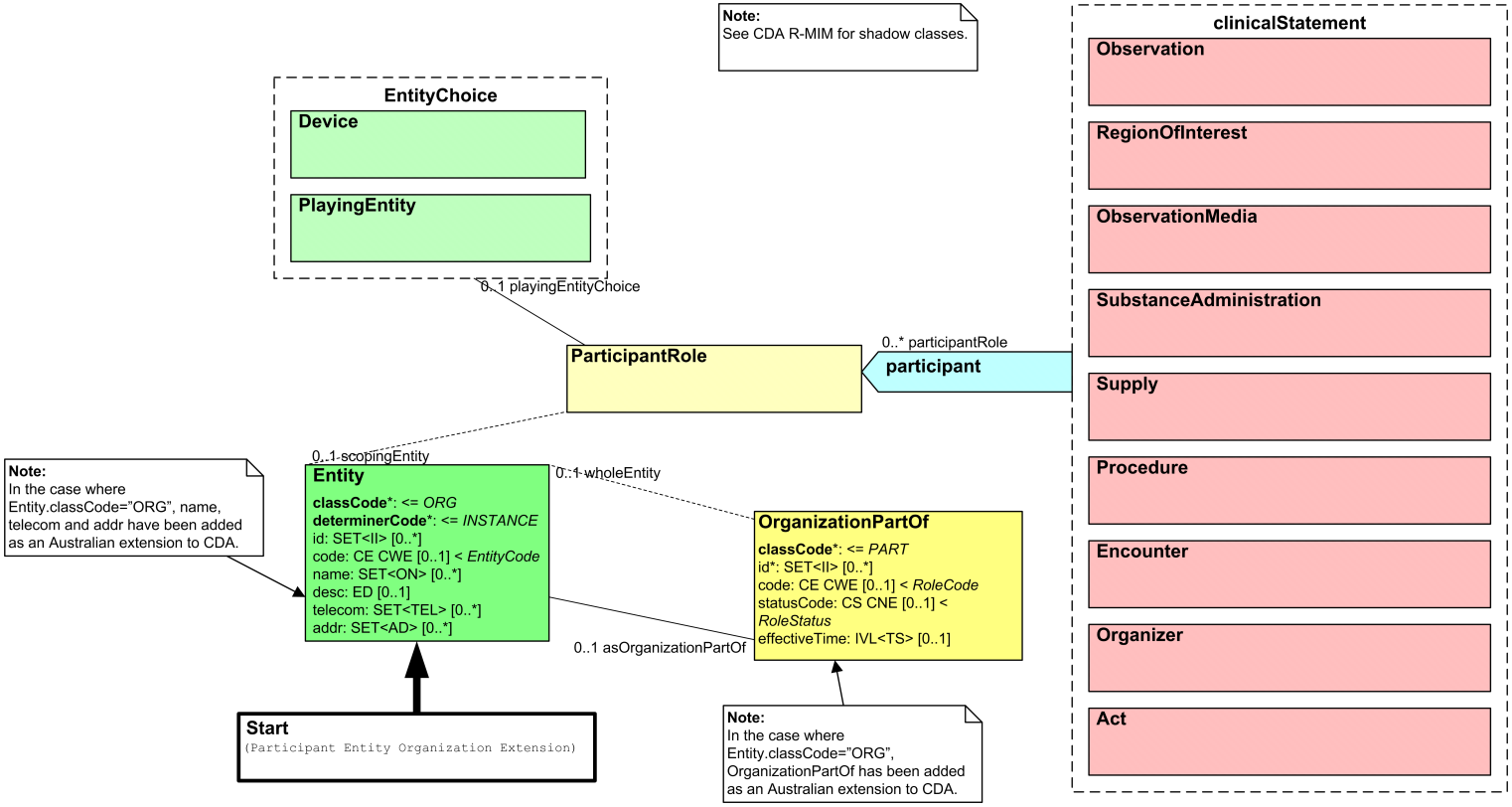


**Figure 9.10. CDA R-MIM Representation**

# 9.11 Ingredient

Figure 9.11, “CDA R-MIM Representation” shows a subset of the CDA R-MIM containing those classes with the relevant Australian CDA extension represented.

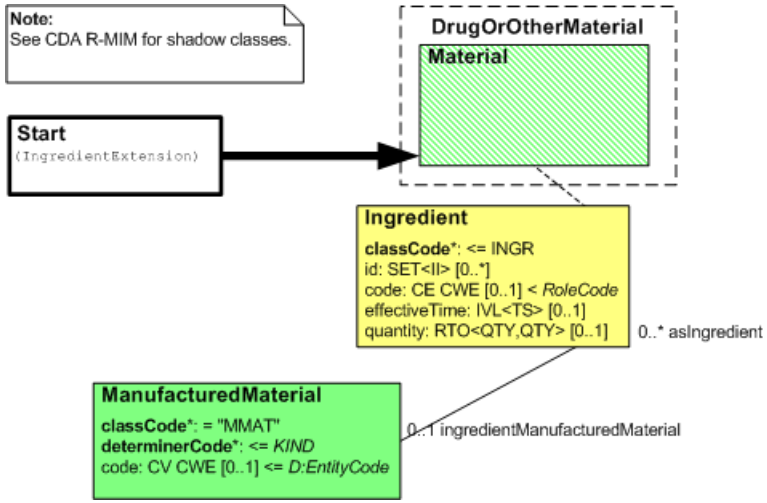


**Figure 9.11. CDA R-MIM Representation**

# 10 Vocabularies and Code Sets

When referencing the following vocabulary tables, if one column in the code set table is bolded, use the code in that column; otherwise use the values in all columns.

**Example 10.1. All values**

```
<code
   code="103.16044.4.1.1"
   codeSystem="1.2.36.1.2001.1001"
   codeSystemName="&NCTIS_CODE_SYSTEM_NAME;"
   displayName="Additional Comments" />
```

**Example 10.2. One value**

```
<name use="L">
   {name}
</name>
```

# 10.1 HL7 v3: TelecommunicationAddressUse

| Code | Value |
|---|---|
| **H** | Home |
| **HP** | Primary Home |
| **HV** | Vacation Home |
| **WP** | Workplace |
| **AS** | Answering Service |
| **EC** | Emergency Contact |
| **MC** | Mobile Contact |
| **PG** | Pager |

# 10.2 AS 5017-2006 Health Care Client Identifier Sex

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Male | M | AS 5017-2006 Health Care Client Identifier Sex | 2.16.840.1.113883.13.68 |
| Female | F | AS 5017-2006 Health Care Client Identifier Sex | 2.16.840.1.113883.13.68 |
| Intersex or Indeterminate | I | AS 5017-2006 Health Care Client Identifier Sex | 2.16.840.1.113883.13.68 |
| Not Stated/Inadequately Described | N | AS 5017-2006 Health Care Client Identifier Sex | 2.16.840.1.113883.13.68 |

# 10.3 AS 5017-2006: Health Care Client Name Usage

Code Set AS 5017-2006 mapped to HL7 Name Use Code

## Note

CDA Release 2 uses HL7 Data Types Release 1. For some of the AS 5017-2006 values, there are no satisfactory equivalents in the HL7 Name Use R1 code set. In these cases (marked R2), an HL7 Name Use R2 code has been used.

## Note

In cases (marked EXT) where there are no suitable HL7 codes, extension codes have been created.

| AS 5017-2006 Code | AS 5017-2006 Alternative Code | AS 5017-2006 Descriptor | HL7 Name Use Code | HL7 Name Use Name | HL7 Name Use Definition |
|---|---|---|---|---|---|
| 1 | L | Registered Name (Legal Name) | **L** | (R1) Legal | (R1) Known as/conventional/the one you use |
| 2 | R | Reporting Name | **C** | (R1) License | (R1) As recorded on a license, record, certificate, etc. (only if different from legal name) |
| 3 | N | Newborn Name | **NB** | (EXT) | (EXT) |
| 4 | B | Professional or Business Name | **A** | (R1) Artist/Stage | (R1) Includes writer's pseudonym, stage name, etc |
| 5 | M | Maiden Name (Name at birth) | **M** | (R2) Maiden Name | A name used prior to marriage. |
| 8 | O | Other Name (Alias) | **P** | (R1) Pseudonym | (R1) A self-asserted name that the person is using or has used |

# 10.4 AS 4846-2006: Health Care Provider Organisation Name Usage

Code Set AS 5017-2006 Organisation Name Usage mapped to HL7 Name Use Code

**Note**

There are no suitable HL7 codes so extension codes have been created.

| AS 4846-2006 Code | AS 4846-2006 Alternative Code | AS 4846-2006 Descriptor | HL7 Name Use Code | HL7 Name Use Name | HL7 Name Use Definition |
|---|---|---|---|---|---|
| 1 | U | Organizational unit/section/division name | **ORGU** | (EXT) | (EXT) |
| 2 | S | Service location name | **ORGS** | (EXT) | (EXT) |
| 3 | B | Business name | **ORGB** | (EXT) | (EXT) |
| 4 | L | Locally used name | **ORGL** | (EXT) | (EXT) |
| 5 | A | Abbreviated name | **ORGA** | (EXT) | (EXT) |
| 6 | E | Enterprise name | **ORGE** | (EXT) | (EXT) |
| 8 | X | Other | **ORGX** | (EXT) | (EXT) |
| 9 | Y | Unknown | **ORGY** | (EXT) | (EXT) |

# 10.5 AS 5017-2006: Health Care Client Source of Death Notification

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Official death certificate or death register | D | AS 5017-2006 Health Care Client Source of Death Notification | 2.16.840.1.113883.13.64 |
| Health Care Provider | H | AS 5017-2006 Health Care Client Source of Death Notification | 2.16.840.1.113883.13.64 |
| Relative | R | AS 5017-2006 Health Care Client Source of Death Notification | 2.16.840.1.113883.13.64 |
| Other | O | AS 5017-2006 Health Care Client Source of Death Notification | 2.16.840.1.113883.13.64 |
| Unknown | U | AS 5017-2006 Health Care Client Source of Death Notification | 2.16.840.1.113883.13.64 |

# 10.6 AS 5017-2006: Health Care Client Identifier Address Purpose

AS 5017-2006 mapped to HL7 Address Use Code

| AS 5017-2006 Code | AS 5017-2006 Alternative Code | AS 5017-2006 Descriptor | HL7 Address Use Code | HL7 Address Use Name | HL7 Address Use Definition |
|---|---|---|---|---|---|
| 1 | B | Business | **WP** | Work Place | An office address. First choice for business related contacts during business hours. |
| 2 | M | Mailing or Postal | **PST** | Postal Address | Used to send mail. |
| 3 | T | Temporary Accommodation (individual provider only) | **TMP** | Temporary Address | A temporary address, may be good for visit or mailing. |
| 4 | R | Residential (permanent) (individual provider only) | **H** | Home Address | A communication address at a home. |
| 9 | U | Not Stated/Unknown/Inadequately Described | **In this case simply omit the Address Use Code** | | |

# 10.7 AS 5017-2006: Health Care Client Identifier Geographic Area

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Local Client (Unit Record) Identifier | L | AS 5017-2006 Health Care Client Identifier Geographic Area | 2.16.840.1.113883.13.63 |
| Area/Region/District Identifier | A | AS 5017-2006 Health Care Client Identifier Geographic Area | 2.16.840.1.113883.13.63 |
| State or Territory Identifier | S | AS 5017-2006 Health Care Client Identifier Geographic Area | 2.16.840.1.113883.13.63 |
| National Identifier | N | AS 5017-2006 Health Care Client Identifier Geographic Area | 2.16.840.1.113883.13.63 |

# 10.8 AS 5017-2006: Health Care Client Electronic Communication Medium

| AS 5017-2006 Code | AS 5017-2006 Descriptor | AS 5017-2006 Alternative Code | HL7 URLScheme Code | HL7 URLScheme Name | HL7 URLScheme Definition |
|---|---|---|---|---|---|
| 1 | Telephone (excluding mobile telephone) | T | **tel** | Telephone | A voice telephone number. |
| 2 | Mobile (cellular) telephone<br><br>NOTE: Mobile will also need a Telecommunication-Address Use code of MC (Mobile Contact) (see HL7 v3: TelecommunicationAddressUse) | M | **tel** | Telephone | A voice telephone number. |
| 3 | Facsimile machine | F | **fax** | Fax | A telephone number served by a fax device. |
| 4 | Pager<br><br>NOTE: Pager will also need a TelecommunicationAddress Use code of PG (Pager) (see HL7 v3: TelecommunicationAddressUse) | P | **tel** | Telephone | A voice telephone number |
| 5 | Email | E | **mailto** | Mailto | Electronic mail address. |

| AS 5017-2006 Code | AS 5017-2006 Descriptor | AS 5017-2006 Alternative Code | HL7 URLScheme Code | HL7 URLScheme Name | HL7 URLScheme Definition |
|---|---|---|---|---|---|
| 6 | URL | U | Use the most appropriate code from the list below: | | |
| | | | **file** | File | Host-specific local file names [RCF 1738]. Note that the file scheme works only for local files. There is little use for exchanging local file names between systems, since the receiving system likely will not be able to access the file. |
| | | | **ftp** | FTP | The File Transfer Protocol (FTP). |
| | | | **http** | HTTP | Hypertext Transfer Protocol. |
| | | | **mllp** | MLLP | The traditional HL7 Minimal Lower Layer Protocol. The URL has the form of a common IP URL e.g., mllp://<host>:<port>/ with <host> being the IP address or DNS hostname and <port> being a port number on which the MLLP protocol is served. |
| | | | **modem** | Modem | A telephone number served by a modem device. |
| | | | **nfs** | NFS | Network File System protocol. Some sites use NFS servers to share data files. |
| | | | **telnet** | Telnet | Reference to interactive sessions. Some sites, (e.g., laboratories) have TTY based remote query sessions that can be accessed through telnet. |

# 10.9 AS 5017-2006: Health Care Client Electronic Communication Usage Code

AS 5017-2006 mapped to HL7 TelecommunicationAddressUse (HL7 TAU) Code

| Code | Descriptor | Alternative Code | HL7 TAU Code | HL7 TAU Name | HL7 TAU Description |
|---|---|---|---|---|---|
| 1 | Business | B | **WP** | Work place | An office address. First choice for business related contacts during business hours. |
| 2 | Personal | P | **H** | Home address | A communication address at a home, attempted contacts for business purposes might intrude privacy and chances are one will contact family or other household members instead of the person one wishes to call. Typically used with urgent cases, or if no other contacts are available. |
| 3 | Both business and personal use | A | **WP H** | Both Work place and Home address | |

# 10.10 AS 5017-2006 Australian State/Territory Identifier - Postal

| Code | Descriptor |
|---|---|
| **NSW** | New South Wales |
| **VIC** | Victoria |
| **QLD** | Queensland |
| **SA** | South Australia |
| **WA** | Western Australia |
| **TAS** | Tasmania |
| **NT** | Northern Territory |
| **ACT** | Australian Capital Territory |
| **U** | Unknown |

# 10.11 AS 5017-2006 Health Care Client Identifier Date Accuracy Indicator

The data elements that use this value set consist of a combination of three codes, each of which denotes the accuracy of one date component:

A – The referred date component is ‘accurately known’.

E – The referred date component is an ‘estimate’.

U – The referred date component is ‘unknown’.

The data elements that use this value set contain positional fields (DMY).

Field 1 (D) – refers to the accuracy of the ‘day component’.

Field 2 (M) – refers to the accuracy of the ‘month component’.

Field 3 (Y) – refers to the accuracy of the ‘year component’.

**Note**
The order of the date components in the HL7 date and time datatypes (YYYYMMDD) is the reverse of that specified above.

The possible combinations are as follows:

| code | descriptor |
|---|---|
| AAA | Accurate date |
| AAE | Accurate day and month, estimated year |
| AEA | Accurate day, estimated month, accurate year |
| AAU | Accurate day and month, unknown year |
| AUA | Accurate day, unknown month, accurate year |
| AEE | Accurate day, estimated month and year |
| AUU | Accurate day, unknown month and year |
| AEU | Accurate day, estimated month, unknown year |

| code | descriptor |
|---|---|
| AUE | Accurate day, unknown month |
| EEE | Estimated date |
| EEA | Estimated day and month, accurate year |
| EAE | Estimated day, accurate month |
| EEU | Estimated day and month, unknown year |
| EUE | Estimated day, unknown month, estimated year |
| EAA | Estimated day, accurate month and year |
| EUU | Estimated day, unknown month and year |
| EAU | Estimated day, accurate month, unknown year |
| EUA | Estimated day, unknown month, accurate year |
| UUU | Unknown date |
| UUA | Unknown day and month, accurate year |
| UAU | Unknown day, accurate month, unknown year |
| UUE | Unknown day and month, estimated year |
| UEU | Unknown day, estimated month, unknown year |
| UAA | Unknown day, accurate month and year |
| UEE | Unknown day, estimated month and year |
| UAE | Unknown day, accurate month, estimated year |
| UEA | Unknown day, estimated month, accurate year |

# 10.12 NCTIS: Admin Codes - Document Status

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Interim | I | NCTIS Document Status Values | 1.2.36.1.2001.1001.101.104.20104 |
| Final | F | NCTIS Document Status Values | 1.2.36.1.2001.1001.101.104.20104 |
| Withdrawn | W | NCTIS Document Status Values | 1.2.36.1.2001.1001.101.104.20104 |

# 10.13 NCTIS: Admin Codes - Entitlement Type

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Medicare Benefits | 1 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Pensioner Concession | 2 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Commonwealth Seniors Health Concession | 3 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Health Care Concession | 4 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Repatriation Health Gold Benefits | 5 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Repatriation Health White Benefits | 6 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Repatriation Health Orange Benefits | 7 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Safety Net Concession | 8 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Safety Net Entitlement | 9 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Medicare Prescriber Number | 10 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |
| Medicare Pharmacy Approval Number | 11 | NCTIS Entitlement Type Values | 1.2.36.1.2001.1001.101.104.16047 |

# 10.14 HL7 v3 CDA: Act.moodCode

| Code | Value | Definition |
|---|---|---|
| **EVN** | Event | The entry defines an actual occurrence of an event. |
| **INT** | Intent | The entry is intended or planned. |
| **APT** | Appointment | The entry is planned for a specific time and place. |
| **ARQ** | Appointment Request | The entry is a request for the booking of an appointment. |
| **PRMS** | Promise | A commitment to perform the stated entry. |
| **PRP** | Proposal | A proposal that the stated entry be performed. |
| **RQO** | Request | A request or order to perform the stated entry. |
| **DEF** | Definition | The entry defines a service (master). |

# 10.15 HL7 v3 CDA: RelatedDocument.typeCode

| Code | Value | Definition |
|---|---|---|
| **RPLC** | Replace | The current document is a replacement of the ParentDocument. |
| **XFRM** | Transform | The current document is a transformation of the ParentDocument. |

# 10.16 METeOR 291036: Indigenous Status

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Aboriginal but not Torres Strait Islander origin | 1 | METeOR Indigenous Status | 2.16.840.1.113883.3.879.291036 |
| Torres Strait Islander but not Aboriginal origin | 2 | METeOR Indigenous Status | 2.16.840.1.113883.3.879.291036 |
| Both Aboriginal and Torres Strait Islander origin | 3 | METeOR Indigenous Status | 2.16.840.1.113883.3.879.291036 |
| Neither Aboriginal nor Torres Strait Islander origin | 4 | METeOR Indigenous Status | 2.16.840.1.113883.3.879.291036 |
| Not stated/inadequately described | 9 | METeOR Indigenous Status | 2.16.840.1.113883.3.879.291036 |

# 10.17 NCTIS: Admin Codes - Result Status

| displayName | code | codeSystemName | codeSystem |
|---|---|---|---|
| Registered [No result yet available.] | 1 | NCTIS Result Status Values | 1.2.36.1.2001.1001.101.104.16501 |
| Interim [This is an initial or interim result: data may be missing or verification not been performed.] | 2 | NCTIS Result Status Values | 1.2.36.1.2001.1001.101.104.16501 |
| Final [The result is complete and verified by the responsible practitioner.] | 3 | NCTIS Result Status Values | 1.2.36.1.2001.1001.101.104.16501 |
| Amended [The result has been modified subsequent to being Final, and is complete and verified by the practitioner.] | 4 | NCTIS Result Status Values | 1.2.36.1.2001.1001.101.104.16501 |
| Cancelled / Aborted [The result is not available because the examination was not started or completed.] | 5 | NCTIS Result Status Values | 1.2.36.1.2001.1001.101.104.16501 |

# 10.18 OIDs

| codeSystem (OID) | codeSystemName |
|---|---|
| 2.16.840.1.113883.13.62 | 1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1 |
| 2.16.840.1.113883.13.65 | AIHW Mode of Separation |
| 2.16.840.1.113883.6.96 | SNOMED CT |
| 2.16.840.1.113883.6.96 | Australian Medicines Terminology (AMT) |
| 2.16.840.1.113883.6.1 | LOINC |
| 1.2.36.1.2001.1005.17 | Australian Vaccine Code |

# Appendix A. CDA Narratives

CDA requires that each Section in its Body include a narrative block, containing a clinically complete version of the section's encoded content using custom hypertext markup defined by HL7. The narrative is the human-readable and attestable part of a CDA document, and **SHALL** stand alone as an accurate representation of the content of the document without any need to consult entries in the body.

There is no canonical markup for specific CDA components, but some conformance points apply:

- The narrative block **SHALL** be encapsulated within text component of the CDA Section.
- The narrative contents **SHALL** conform to the requirements specified in the CDA Rendering Specification.
  - In accordance with the requirement to completely represent Section contents, values of codedText or codedableText data elements defined in the SCS **SHALL** include an originalText or a displayName component (or both). Where available, the originalText **SHOULD** be found in the narrative, otherwise the displayName **SHOULD** be found in the narrative.
- It **SHALL** completely and accurately represent the clinical information encoded in the Section. Content **SHALL NOT** be omitted from the narrative.
- It **SHALL** conform to the content requirements of the CDA specification [HL7CDAR2] and/or XML Schema.

Clinical judgement is required to determine the appropriate presentation for narrative. NEHTA may release additional guidance in this regard. The examples provided in sections of this document, and the separate full example, offer some guidance for narrative block markup. They may be easily adapted as boilerplate markup.

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# Appendix B. Log of Changes

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 10 Aug 2012 to Version 1.0 31 Aug 2012

| ID | Document Ref | | Change Type | Change Detail | Changed Instig-ated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Sec-tion | Section Name | | | | | |
| 1 | 1.9 | Known Issues | Added new entry | Added a Known Issues entry for 7.1.4.2.2 LINK. | NEHTA | Document Review - align with new modelling ap-proach for Link Data group. | 27 Aug 2012 |
| 2 | 3 | Data Hierarchy | Re-factored sections | New section elements have been added to the Medicare Information View Content.<br>1. MEDICARE/DVA FUNDED SERVICES HISTORY (0..1)<br>2. PHARMACEUTICAL BENEFITS HISTORY (0..1)<br>3. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY (0..1)<br>4. AUSTRALIAN ORGAN DONOR REGISTER INFORMATION (0..1) | NEHTA | Document Review - align with new modelling ap-proach for Link Data group. | 27 Aug 2012 |
| 3 | 3 | Data Hierarchy | Re-factored sections | The section 'Medicare/DVA Funded Services (MEDICARE/DVA FUNDED SERVICES)' made as a children element for new 'MEDICARE/DVA FUNDED SERVICES HISTORY' section.<br>The 'EXCLUSION STATEMENT' refactored as a children Data Group element of 'MEDICARE/DVA FUNDED SERVICES HISTORY' section.<br>The references of 'Medicare/DVA Funded Services (MEDICARE/DVA FUNDED SERVICES)' and 'EXCLUSION STATEMENT' have been up-dated in section 7.1.2 and all its sub-sections. Ex: Relationships table, XML examples,... | NEHTA | Document Review - align with new modelling ap-proach for Link Data group. | 27 Aug 2012 |
| 4 | 3 | Data Hierarchy | Re-factored sections | The section 'Pharmaceutical Benefit Items (PHARMACEUTICAL BENEFIT ITEMS)' made as a children element for 'PHARMACEUTICAL BENEFITS HISTORY' section.<br>The 'EXCLUSION STATEMENT' refactored as a children Data Group element of 'PHARMACEUTICAL BENEFITS HISTORY' section.<br>The references of 'Pharmaceutical Benefit Items (PHARMACEUTICAL BENEFIT ITEMS)' and 'EXCLUSION STATEMENT' have been updated in section 7.1.2 and all its sub-sections. Ex: Relationships table, XML examples,... | NEHTA | Document Review - align with new modelling ap-proach for Link Data group. | 27 Aug 2012 |
| 5 | 3 | Data Hierarchy | Re-factored sections | The section 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES' made as a children element for 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY' section.<br>The 'EXCLUSION STATEMENT' refactored as a children Data Group element of 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY' section.<br>The references of 'AUSTRALIAN CHILDHOOD IMMUNISATION RE-GISTER ENTRIES' and 'EXCLUSION STATEMENT' have been updated in section 7.1.2 and all its sub-sections. Ex: Relationships table, XML examples,... | NEHTA | Document Review - align with new modelling ap-proach for Link Data group. | 27 Aug 2012 |
| 6 | 3 | Data Hierarchy | Re-factored sections | The section AUSTRALIAN ORGAN DONOR REGISTER DETAILS' made as a children element for 'AUSTRALIAN ORGAN DONOR REGISTER INFORMATION' section.<br>The 'EXCLUSION STATEMENT' refactored as a children Data Group element of AUSTRALIAN ORGAN DONOR REGISTER INFORMATION' section.<br>The references of 'AUSTRALIAN ORGAN DONOR REGISTER DETAILS' and 'EXCLUSION STATEMENT' have been updated in section 7.1.2 and all its sub-sections. Ex: Relationships table, XML examples,... | NEHTA | Document Review - align with new modelling ap-proach for Link Data group. | 27 Aug 2012 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 7 | 3 | Data Hierarchy | Updated cardinality | The cardinality of 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY' choice Data Group has been updated from '0..*' to '1..*'. | NEHTA | Document Review - When 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES' section is present it SHALL include at least one-instance of its children Data Group. | 27 Aug 2012 |
| 8 | 7.1 | Medicare Information View | CDA Mapping table; | Updated section names for 'Medicare Information View (Body)' conformance constraints from:<br>'Medicare/DVA Funded Services (MEDICARE/ DVA FUNDED SERVICES)'<br>'Pharmaceutical Benefit Items (PHARMACEUTICAL BENEFIT ITEMS)'<br>'Australian Childhood Immunisation Register (ACIR) Component (AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES)'<br>'Australian Organ Donor Register (AODR) Component (AUSTRALIAN ORGAN DONOR REGISTER DETAILS)'<br>to<br>'MEDICARE/DVA FUNDED SERVICES HISTORY'<br>'PHARMACEUTICAL BENEFITS HISTORY'<br>'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY'<br>'AUSTRALIAN ORGAN DONOR REGISTER INFORMATION' | NEHTA | Document Review - align with new modelling approach for Link Data group. | 27 Aug 2012 |
| 9 | 7.1.2 | MEDICARE/DVA FUNDED SERVICES HISTORY | CDA Mapping table and XML Example; code and displayName | 1)Updated code from<br>component[med_dva]/section/code/@code="101.16643"<br>to<br>component[med_dva]/section/code/@code="101.16780"<br>2) Updated displayName from<br>Medicare/DVA Funded Services<br>to<br>Medicare/DVA Funded Services History<br>3) Updated section title mapping value from<br>'Medicare/DVA Funded Services'<br>to<br>'Medicare Services - MBS and DVA Items' | NEHTA | Document Review - align with new modelling approach for Link Data group. | 27 Aug 2012 |
| 10 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY | CDA Mapping table and XML Example; code and displayName | 1) Code updated from<br>component[med_pbr]/section/code/@code="101.16649"<br>to<br>component[med_pbr]/section/code/@code="101.16778""<br>2) Updated displayName from<br>Pharmaceutical Benefits Items<br>to<br>Pharmaceutical Benefits History<br>3) Updated section title mapping value from<br>'Pharmaceutical Benefit Items'<br>to<br>'Prescription Information - PBS and RPBS' | NEHTA | Document Review - align with new modelling approach for Link Data group. | 27 Aug 2012 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 11 | 7.1.4 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY | CDA Mapping table and XML Example; code and displayName | 1) Code updated from<br>component[med_acir]/section/code/@code="101.16658"<br>to<br>component[med_acir]/section/code/@code="101.16776""<br>2) Updated displayName from<br>Australian Childhood Immunisation Register Entries<br>to<br>Australian Childhood Immunisation Register History<br>3) Updated section title mapping value from<br>'Australian Childhood Immunisation Register Entries'<br>to<br>'Australian Childhood Immunisation Register - ACIR' | NEHTA | Document Review - align with new modelling approach for Link Data group. | 27 Aug 2012 |
| 12 | 7.1.5 | AUSTRALIAN ORGAN DONOR REGISTER INFORMATION | CDA Mapping table and XML Example; code and displayName | 1) Code updated from<br>component[med_aodr]/section/code/@code="101.16670"<br>to<br>component[med_aodr]/section/code/@code="101.16774"<br>2) Updated displayName from<br>Australian Organ Donor Register Details<br>to<br>Australian Organ Donor Register Information<br>3) Updated section title mapping value from<br>'Australian Organ Donor Register Details'<br>to<br>'Australian Organ Donor Register - AODR' | NEHTA | Document Review - align with new modelling approach for Link Data group. | 27 Aug 2012 |
| 13 | 8.9 | PCEHR URN Scheme | Notes and Example | 1. Updated the value id/@root to align with XML snippet of example 8.13.<br>2. Renamed references to CView to Medicare Information View. | NEHTA | Document Review - fixed discrepancies | 27 Aug 2012 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 31 Aug 2012 to Version 1.0 31 Oct 2012

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 31 Aug 2012 to Version 1.0 31 Oct 2012

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 1.9 | Known Issues | Removed Known Issues Entry | Removed Known Issues entry for 7.1.4.2.2 LINK. | NEHTA | Document Review - align with new modelling approach for Link Data group. | 31 Oct 2012 |
| 2 | 5.1 | ClinicalDocument | CDA Mapping table updated | Updated languageCode comments to<br><Language Code> – <DIALECT> The <Language Code> SHALL be "en". The <DIALECT> SHOULD be 'AU' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |

| D | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 3 | 7.1.1 | Medicare Information View Exclusion Statement (EXCLUSION STATEMENT) | CDA mapping and XML Example updated | Updated Exclusion Statement code from<br>'102.16134'<br>to<br>'102.16134.172.1.3'<br>Updated General Statement code from<br>'103.16135'<br>to<br>'103.16135.172.1.3' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 4 | 7.1.4.1 | EXCLUSION STATEMENT | CDA context updated | Updated context from<br>'ClinicalDocument/component/structuredBody'<br>to<br>'ClinicalDocument/component/structuredBody/component[med_acir]/section' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 5 | 7.1.4.1 | EXCLUSION STATEMENT | CDA context updated | Updated context from<br>'Context: ClinicalDocument/component/structuredBody/component[med_acir]/section'<br>to<br>'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_excl]/section' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 6 | 7.1.4.1 | EXCLUSION STATEMENT | CDA mapping and XML Example updated | Updated Exclusion Statement code from<br>'102.16134'<br>to<br>'102.16134.172.1.1'<br>Updated General Statement code from<br>'103.16135'<br>to<br>'103.16135.172.1.1' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 7 | 7.1.4.1 | EXCLUSION STATEMENT | CDA mapping updated | Updated/added vocab statements for the following CDA mappings entries.<br>component[acir_excl]/section/title<br>and<br>'component[acir_excl]/section/text' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 8 | 7.1.4.2 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | CDA context updated | Updated context from<br>'ClinicalDocument/component/structuredBody'<br>to<br>'ClinicalDocument/component/structuredBody/component[med_acir]/section' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 9 | 7.1.4.2 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | CDA mapping updated | Added the following mappings entries.<br>'component[acir_details]/section',<br>'component[acir_details]/section/code',<br>'component[acir_details]/section/title' and<br>'component[acir_details]/section/text' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 10 | 7.1.4.2.1.2.1 | Vaccine Cancellation (MEDICATION ACTION) | Definition updated | Updated definition for 'Vaccine Cancellation (MEDICATION ACTION) > Vaccine Dose Number (Sequence Number)<br>to<br>'The dose number of the provided vaccine'. | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 11 | 7.1.4.2.2 | EXCLUSION STATEMENT | Australian Childhood Immunisation Register Entries Document Provenance (LINK) | Updated 'Australian Childhood Immunisation Register Entries Document Provenance (LINK)' code from<br><br>'102.16692'<br><br>to<br><br>'102.16692.172.1.1' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 12 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Provenance (LINK) | CDA context updated | Updated context from<br><br>'Context: ClinicalDocument/component/structuredBody/component[med_acir]/section'<br><br>to<br><br>'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 13 | 7.1.5.2 | AUSTRALIAN ORGAN DONOR REGISTER DETAILS | CDA mapping updated | Updated mapping from<br><br>'component[aodr_details]/section/text:ST'<br><br>to<br><br>'component[aodr_details]/section/text' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 14 | Throughout the document | N/A | Data Element names renamed. | Renamed all occurrences of 'Medicare/DVA Funded Services (MEDICARE/DVA FUNDED SERVICES)' to 'MEDICARE/DVA FUNDED SERVICES'<br><br>Renamed all occurrences of 'Pharmaceutical Benefit Items (PHARMACEUTICAL BENEFIT ITEMS)' to 'PHARMACEUTICAL BENEFIT ITEMS'<br><br>Renamed all occurrences of 'LINK' to 'Australian Childhood Immunisation Register Entries Document Provenance (LINK)'<br><br>Renamed all occurrences of 'Link Target' to 'Target Document (Link Target)'<br><br>Renamed all occurrences of 'AUSTRALIAN ORGAN DONOR REGISTER INFORMATION' to 'AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION' | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |
| 15 | Throughout the document | N/A | Added Children Data Elements. | Expanded 'AUSTRALIAN ORGAN DONOR REGISTER DETAILS' section. | NEHTA | Document Review - align with SCS. | 31 Oct 2012 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 31 Oct 2012 to Version 1.0 09 Nov 2012

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 31 Oct 2012 to Version 1.0 09 Nov 2012

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 2.4, 2.6 | W3C XML Schema; Implementation Strategies | XML example updated | Updated 'Medicare Information View CDA W3C XML Schema' references to 'CDA W3C XML Schema'. | NEHTA | Document Review - Fixed incorrect reference. | 06 Nov 2012 |
| 2 | 4<br><br>CDA-2738 | Administrative Observations | CDA Mapping table updated | Updated '/section/[admin_obs]' to '/section[admin_obs]'. | NEHTA | Document Review - Fixed incorrect mapping. | 09 Nov 2012 |

| D | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 3 | 5.1.1<br><br>CDA-2526 | Custodian | CDA Mapping table and XML examples updated | Added the following CDA mapping vocab constraint and updated XML example snippet for 'EntityIdentifier'.<br><br>'The value of one Entity Identifier SHALL be a PAI-O'. | NEHTA | Document Review - Fixed incorrect XML snippets and CDA mapping. | 06 Nov 2012 |
| 4 | 7.1.1<br><br>CDA-2627 | Medicare Information View Exclusion Statement (EXCLUSION STATEMENT) | CDA Mapping table updated | Updated General Statement @displayName from 'Global Statement' to 'General Statement'.<br><br>The same change has been applied to the following sections<br><br>7.1.3.1 EXCLUSION STATEMENT<br><br>7.1.4.1 EXCLUSION STATEMENT<br><br>7.1.5.1 EXCLUSION STATEMENT | NEHTA | Document Review - Fixed incorrect mapping. | 09 Nov 2012 |
| 5 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICES | Identifier updated | Updated Identifier from 'DG-16643' to 'S-16643'. | NEHTA | Document Review - Fixed incorrect identifier. | 06 Nov 2012 |
| 6 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY | CDA context updated | Renamed context index from [med_pbr] to [med_pbs]. | NEHTA | Document Review - Renamed context index name. | 06 Nov 2012 |
| 7 | 7.1.4.2.1.1.1<br><br>CDA-2618 | Vaccine Administration (MEDICATION ACTION) | CDA Mapping table updated | Updated mapping to 'manufacturedProduct/manufacturedMaterial/ext:asIngredient/ext:ingredientManufacturedMaterial/@determinerCode="KIND"'. | NEHTA | Document Review - Fixed incorrect CDA mapping. | 06 Nov 2012 |
| 8 | 7.1.4.2.1.1.1<br><br>CDA-2736 | Vaccine Administration (MEDICATION ACTION) | CDA Mapping table updated | Updated context to 'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section'. | NEHTA | Document Review - Fixed incorrect context. | 08 Nov 2012 |
| 9 | 7.1.4.2.1.1<br><br>CDA-2736 | VACCINE ADMINISTRATION ENTRY | CDA Mapping table updated | Updated context to 'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section'. | NEHTA | Document Review - Fixed incorrect context. | 08 Nov 2012 |
| 10 | 7.1.4.2.1.2.1<br><br>CDA-2618 | Vaccine Cancellation (MEDICATION ACTION) | CDA Mapping table updated | Updated mapping to 'manufacturedProduct/manufacturedMaterial/ext:asIngredient/ext:ingredientManufacturedMaterial/@determinerCode="KIND"'. | NEHTA | Document Review - Fixed incorrect CDA mapping. | 06 Nov 2012 |
| 11 | 7.1.4.2.1.2.1<br><br>CDA-2736 | Vaccine Cancellation (MEDICATION ACTION) | CDA Mapping table updated | Updated context to 'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section'. | NEHTA | Document Review - Fixed incorrect context. | 08 Nov 2012 |
| 12 | 7.1.4.2.1.2.2<br><br>CDA-2736 | VACCINE CANCELLATION REASON | CDA Mapping table updated | Updated context to 'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section'. | NEHTA | Document Review - Fixed incorrect context. | 08 Nov 2012 |
| 13 | 7.1.4.2.1.2<br><br>CDA-2736 | VACCINE CANCELLATION ENTRY | CDA Mapping table updated | Updated context to 'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section'. | NEHTA | Document Review - Fixed incorrect context. | 08 Nov 2012 |
| 14 | 7.1.4.2.1<br><br>CDA-2736 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | CDA Mapping table updated | Updated context to 'ClinicalDocument/component/structuredBody/component[med_acir]/section/component[acir_details]/section'. | NEHTA | Document Review - Fixed incorrect context. | 06 Nov 2012 |
| 15 | 7.1.5.2.1<br><br>CDA-2723 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY | CDA mapping updated and XML Example | Removed '@typeCode="DRIV" from the CDA Mapping table and XML example. | NEHTA | Document Review - Fixed incorrect mapping. | 06 Nov 2012 |
| 16 | Example 7.14 | Australian Childhood Immunisation Register Entries Document Provenance (LINK) XML Fragment | XML example updated | Updated UUID values and templateId for <entry > and <externalDocment> XML snippets.<br><br>Added XML <component>/<section> snippets for 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY' and 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES'. | NEHTA | Document Review - Fixed incorrect XML snippets. | 06 Nov 2012 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 17 | Example 7.19 | Australian Organ Donor Register Details Document Provenance (LINK) XML Fragment | XML example updated | Updated UUID values and templateId for <entry > and <externalDocment> XML snippets. | NEHTA | Document Review - Fixed incorrect XML snippets. | 06 Nov 2012 |

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Changes from Version 1.0 09 Nov 2012 to Version 1.0 16 Nov 2012

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Changes from Version 1.0 09 Nov 2012 to Version 1.0 16 Nov 2012

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 4<br><br>CDA-2746, CDA-2747 | Administrative Observations | CDA mapping table updated | Added conformance constraint to clarify this section as an optional section. | NEHTA | Document Review - Clarification. | 14 Nov 2012 |
| 2 | 6.1.2 | SUBJECT OF CARE | CDA Mapping table updated | Added vocab constraint for 'recordTarget/patientRole/<Address>'. | NEHTA | Document Review - Aligned with SCS. | 14 Nov 2012 |
| 3 | 7.1.1 | Medicare Information View Exclusion Statement (EXCLUSION STATEMENT) | CDA mapping table updated | Added vocab constraint for 'component[miv_exc_statment]/section/text'. | NEHTA | Document Review - Added constraint. | 14 Nov 2012 |
| 4 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY | CDA Mapping table and XML example updated | Removed CDA mapping and XML example for 'component[med_pbs]/section/text'. | NEHTA | Document Review - Fixed incorrect mapping and XML example. | 14 Nov 2012 |
| 5 | 7.1.4 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY | CDA mapping table updated | Updated constraint to 'This SHALL be an exact match as specified in the section/title' constraint for the following sections. | NEHTA | Document Review - Fixed incorrect constraint. | 14 Nov 2012 |
| 6 | 7.1.4.1 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | CDA mapping table updated | Added 'Definition' and 'cardinality' to the children Data Group references in following CDA mapping tables;<br><br>7.1.4.2 AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES<br><br>7.1.4.2.1 AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY<br><br>7.1.4.2.1.1 VACCINE ADMINISTRATION ENTRY<br><br>7.1.4.2.1.2 VACCINE CANCELLATION ENTRY | NEHTA | Document Review - Updated constraint. | 14 Nov 2012 |
| 7 | 7.1.4.2 | EXCLUSION STATEMENT | CDA mapping table updated | Updated 'component[acir_excl]/section/title' vocab statement from 'SHOULD' to a 'SHALL'. | NEHTA | Document Review - Updated constraint. | 14 Nov 2012 |
| 8 | 7.1.5.1 | EXCLUSION STATEMENT | CDA mapping table updated | Updated 'component[aodr_excl]/section/text' vocab statement from 'SHOULD' to a 'SHALL'. | NEHTA | Document Review - Updated constraint. | 14 Nov 2012 |

| D | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 9 | Appendix A | CDA Narratives | Re-phrased paragraphs | Adopted the suggested revision to the narratives. | NEHTA | Document Review - Adopted the suggested revision to the narratives. | 13 Nov 2012 |
| 10 | Example 7.15 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY XML Fragment | XML example updated | Removed XML snippet for 'component[med_acir]/section/text'. | NEHTA | Document Review - Fixed incorrect XML example. | 14 Nov 2012 |
| 11 | Example 7.21 | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION XML Fragment | XML example updated | Removed XML snippet for 'component[med_aodr]/section/text'. | NEHTA | Document Review - Fixed incorrect XML example. | 14 Nov 2012 |
| 12 | Page iii | Related documents | Reference updated | Renamed 'Medicare Information View CDA Rendering Guide' to 'Medicare Information View CDA Rendering Specification'. This change applies to 'Reference List' section. | NEHTA | Document Review - Fixed incorrect reference. | 14 Nov 2012 |
| 13 | Throughout the Document | Added constraint | CDA mapping table updated | Added 'This SHALL be an exact match as specified in the section/title' constraint for the following sections;<br>7.1.2 MEDICARE/DVA FUNDED SERVICES HISTORY<br>7.1.2.2 MEDICARE/DVA FUNDED SERVICES<br>7.1.3 PHARMACEUTICAL BENEFITS HISTORY<br>7.1.3.2 PHARMACEUTICAL BENEFIT ITEMS<br>7.1.4.2 AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES<br>7.1.5.2 AUSTRALIAN ORGAN DONOR REGISTER DETAILS | NEHTA | Document Review - Added constraint reference. | 14 Nov 2012 |
| 14 | Throughout the document | N/A | Added Children Data Elements. | Expanded 'MEDICARE/DVA FUNDED SERVICES HISTORY' section. | NEHTA | Document Review - aligned with SCS. | 14 Nov 2012 |

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Changes from Version 1.0 16 Nov 2012 to Version 1.0 22 Nov 2012

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Changes from Version 1.0 16 Nov 2012 to Version 1.0 22 Nov 2012

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 5 CDA Header<br>[CDA-2748] | 5.1 ClinicalDocument | CDA Mapping table :: issues | #1 Removed superfluous word 'definition' from all occurrences of definition, Update the following mapping tables .<br>5.1 Clinicaldocument CDA Mapping table.<br>6.1 Clinicaldocument CDA Mapping table.<br>7.1 Medicare Information View, CDA Mapping table<br>.2 Medicare Information View Definition | NEHTA | NEHTA | 21 Nov 2012 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 2 | 6<br><br>[CDA-2755] | Context Data Specification | CDA Mapping :: 6.1 Medicare Information View, Figure 6.1. CDA Header Model for Medicare Information View Context | Updated effectiveTime attribute to effectiveTime TS [1..1]* | NEHTA | NEHTA | 21 Nov 2012 |
| 3 | 6<br><br>[CDA-2760] | Context Data Specification | CDA Mapping, 6.1 Medicare Information View, Mapping Table | Fixed typo in the definition for 'Data Time Authored'. | NEHTA | NEHTA | 21 Nov 2012 |
| 4 | 6.1.1<br><br>[CDA-2761] | DOCUMENT AUTHOR, Example 6.2. | Document Author XML Fragment | Updated XML comments to CDA Body. | NEHTA | NEHTA | 21 Nov 2012 |
| 5 | 6.1.2 | SUBJECT OF CARE | Subject of Care XML Example | Updated narrative text for Administrative Observation. | NEHTA | NEHTA | 21 Nov 2012 |
| 6 | 7.1.2.1<br><br>[CDA-2768] | EXCLUSION STATEMENT | R-MIM Diagram :: Missing 'component' ActRelationship class | Added Component 'ActRelationship' class to the following R-MIM diagrams<br>• 7.1.2.1 EXCLUSION STATEMENT<br>• 7.1.3.1 EXCLUSION STATEMENT<br>• 7.1.4.1 EXCLUSION STATEMENT<br>• 7.1.5.1 EXCLUSION STATEMENT | NEHTA | NEHTA | 21 Nov 2012 |
| 7 | 7.1.2.2<br><br>[CDA-2769] | MEDICARE/DVA FUNDED SERVICES | CDA R-MIM Representation :: wording... | Fixed typo ""mapped to a an Encounter" to "mapped to an Encounter" in the R-MIM diagram. | NEHTA | NEHTA | 21 Nov 2012 |
| 8 | 7.1.2.2.1<br><br>[CDA-2770] | MEDICARE/DVA FUNDED SERVICE Figure 7.6. | R-MIM Diagram :: section discrepancies | Updated 'Section' code and title attributes to 'code CD: CE cwe [0..1]' and 'title: ST [0..1]' | NEHTA | NEHTA | 21 Nov 2012 |
| 9 | 7.1.2.2.1<br><br>[CDA-2771] | MEDICARE/DVA FUNDED SERVICE, Figure 7.6. | R-MIM :: SERVICE, superfluous Encounter Class attributes | Removed 'text', 'statusCode' and 'priorityCode' from Encounter Class | NEHTA | NEHTA | 21 Nov 2012 |
| 10 | 7.1.4.1<br><br>[CDA-2777] | EXCLUSION STATEMENT, Figure 7.16 | R-MIM Diagram | Added missing reference "Figure 7.16, “EXCLUSION STATEMENT".<br><br>Added 'Component' ActRelationshio class to Section class. | NEHTA | NEHTA | 21 Nov 2012 |
| 11 | 7.1.42.1.1.1<br><br>[CDA-2785] | Vaccine Administration (MEDICATION ACTION), Figure 7.17 | Vaccine Administration (MEDICATION ACTION) multiple issues | Added '0..* ClinicalStatement' association attribute to entryRelationship class. | NEHTA | NEHTA | 21 Nov 2012 |
| 12 | 7.1.42.1.2.1<br><br>[CDA-2786] | Vaccine Cancellation (MEDICATION ACTION), Figure 7.18. | Vaccine Cancellation (MEDICATION ACTION) multiple issues | Added '0..* ClinicalStatement' association attribute to entryRelationship class. | NEHTA | NEHTA | 21 Nov 2012 |
| 13 | 7.1.42.1.2.2<br><br>[CDA-2787] | VACCINE CANCELLATION REASON, Figure 7.19 | R-MIM Diagram :: VACCINE CANCELLATION REASON multiple issues | The Act class effectiveTime updated from GTS [0//1] to IVL [0..1]. | NEHTA | NEHTA | 21 Nov 2012 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 14 | 7.1.4.2.2<br><br>[CDA-2788] | Australian Childhood Immunisation Register Entries Document Provenance (LINK), Figure 7.20 | R-MIM diagram :: multiple issues | Added '0..* ClinicalStatement' association attribute to the following R-MIM diagrams;<br>• Figure 7.20<br>• Figure 7.25<br>• Figure 7.9<br>• Figure 7.14 | NEHTA | NEHTA | 21 Nov 2012 |
| 15 | Throughout the document | XML example fragments | N/A | Updated XML example comments. | NEHTA | NEHTA | 21 Nov 2012 |
| 16 | Throughout the document | XML example fragments | N/A | Updated HPI-O values to '8003621566684455'.<br><br>Updated HPI-I values to '8003619900015717'.<br><br>Updated IHI values to '8003608833357361' | NEHTA | NEHTA | 21 Nov 2012 |

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Changes from Version 1.0 22 Nov 2012 to Version 1.0 05 Feb 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.2.2.1.1<br><br>[CDA-2979] | SERVICE REQUESTER | XML example updated | Updated XML fragment for "participant/participantRole/@classCode" to "PROV". | NEHTA | NEHTA | 05 Feb 2013 |
| 2 | 7.1.2.2.1.2<br><br>[CDA-3049] | SERVICE PROVIDER | CDA Mapping table updated | The CDA context updated to<br><br>'ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_services]/section/entry[med_ben]/encounter' | NEHTA | NEHTA | 05 Feb 2013 |
| 3 | 7.1.2.2.2<br><br>[CDA-3050] | Medicare/DVA Funded Services Document Provenance (LINK) | CDA Mapping table updated | The CDA context updated to<br><br>'ClinicalDocument/component/structuredBody/component[med_dva]/section/component[dva_services]/section' | NEHTA | NEHTA | 05 Feb 2013 |
| 4 | 7.1.2.2.2<br><br>[CDA-3048] | Medicare/DVA Funded Services Document Provenance (LINK) :: CDA Mapping Table | CDA Mapping table Link Target updated | [The ClinicalDocument/id of the target document. The 'Link Target' SHALL be included in the corresponding CDA narrative inside a <linkHTML href="pcehr:URN/> Document </linkHTML> element. See PCEHR URN Scheme for details.] changed to: [The 'id' shall be the identifier of the external document and SHALL be included in the corresponding CDA narrative inside a <linkHtml href="pcehr:URN/> Document </linkHtml> element. Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details.]. | NEHTA | Update required | 12 Feb 2013 |
| 5 | 7.1.3.2.2<br><br>[CDA-3048] | Pharmaceutical Benefit Items Document Provenance (LINK) :: CDA Mapping Table | CDA Mapping table Link Target updated | [The ClinicalDocument/id of the target document. The 'Link Target' SHALL be included in the corresponding CDA narrative inside a <linkHTML href="pcehr:URN/> Document </linkHTML> element. See PCEHR URN Scheme for details.] changed to: [The 'id' shall be the identifier of the external document and SHALL be included in the corresponding CDA narrative inside a <linkHtml href="pcehr:URN/> Document </linkHtml> element. Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details.]. | NEHTA | Update required | 12 Feb 2013 |
| 6 | 7.1.4.2.2<br><br>[CDA-3048] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) :: CDA Mapping Table | CDA Mapping table Link Target updated | [The ClinicalDocument/id of the target document. The 'Link Target' SHALL be included in the corresponding CDA narrative inside a <linkHTML href="pcehr:URN/> Document </linkHTML> element. See PCEHR URN Scheme for details.] changed to: [The 'id' shall be the identifier of the external document and SHALL be included in the corresponding CDA narrative inside a <linkHtml href="pcehr:URN/> Document </linkHtml> element. Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details.]. | NEHTA | Update required | 12 Feb 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 7 | 7.1.4.2 [CDA-2975] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | CDA Mapping table context updated | The Context label in the mapping table has been changed from: "CDA Body Level 3 Data Elements" to: "CDA Body Level 2 Data Elements". | NEHTA | Incorrect CDA level | 11 Feb 2013 |
| 8 | 7.1.5.2.1 [CDA-3052] | AUSTRALIAN ORGAN DONOR REGISTER ENTRY; ORGAN AND TISSUE DONATION DETAILS | CDA Mapping table updated | The CDA mapping updated to<br><br>entry[reg_entry]/observation/entryRelationship[dnr_dec]/organizer/statusCode/@code="completed"' | NEHTA | NEHTA | 05 Feb 2013 |
| 9 | 7.1.5.2.2 [CDA-3048] | Australian Organ Donor Register Details Document Provenance (LINK) :: CDA Mapping Table | CDA Mapping table Link Target updated | [The ClinicalDocument/id of the target document. The 'Link Target' SHALL be included in the corresponding CDA narrative inside a <linkHTML href=" pcehr:URN/> Document </linkHTML> element. See PCEHR URN Scheme for details.] changed to: [The 'id' shall be the identifier of the external document and SHALL be included in the corresponding CDA narrative inside a <linkHtml href="pcehr:URN/> Document </linkHtml> element. Note: The external document 'id' and repository 'id' shall be included together as a pcehr:URN See PCEHR URN Scheme for details.]. | NEHTA | Update required | 12 Feb 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 05 Feb 2013 to Version 1.0 (Revision 7) 26 Feb 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 3 | Medicare Overview Data Hierarchy :: CONTEXT | Context updated | Elements: 'DateTime Health Event Started' and 'DateTime Health Event Ended' added to Data Hierarchy. | NEHTA | Request | 26 Feb 2013 |
| 2 | 6.1 | Medicare Overview :: CDA Mapping | Mapping updated | Elements: 'DateTime Health Event Started' and 'DateTime Health Event Ended' added to Mapping Table. | NEHTA | Request | 26 Feb 2013 |
| 3 | Document | Medicare Overview :: Document Name | Name updated | The name 'Medicare Information View' has been changed to 'Medicare Overview' throughout the document. | NEHTA | Request | 26 Feb 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 7) 26 Feb 2013 to Version 1.0 (Revision 8) 28 Mar 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 1.1 [CDA-3136] | Document Purpose and Scope :: Context | Correct context | 'The resulting CDA document would be used for the electronic exchange of Medicare Overview between healthcare providers' has been changed to: 'The resulting CDA document would be used for the electronic exchange of a Medicare Overview between healthcare providers'. | NEHTA | Context | 21 Mar 2013 |
| 2 | 1.2 [CDA-3137] | Medicare Overview Definition :: Incorrect RPBS acronym expansion | RPBS name update | 'Repatriation Definition Pharmaceutical Benefits Scheme (RPBS)' changed to 'Repatriation Pharmaceutical Benefits Scheme (RPBS)'. | NEHTA | Incorrect RPBS name | 11 Mar 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 3 | 1.5 [CDA-3138] | Document Map :: Needs a change to SCS component | Update document map | '3. Medicare Information View SCS' changed to '3. Medicare Overview SCS' in document map. | NEHTA | Error in document map | 11 Mar 2013 |
| 4 | 1.9 [CDA-3141] | Known Issues :: <time> description spelling error | Correct spelling error | 'timezone' changed to 'time zone'. | NEHTA | Spelling error | 11 Mar 2013 |
| 5 | 1.9 [CDA-3142] | Known Issues :: 'Throughout Document' description repeated words | Remove repeated words | '..examples are consistent with consistent with the..' changed to '..examples are consistent with the..'. | NEHTA | Repeated words | 11 Mar 2013 |
| 6 | 2.3 [CDA-3146] | CDA Extensions :: Missing words | Add missing words | Future versions of will be versioned as per the following example..' has been changed to 'Future versions of CDA Extensions will be versioned as per the following example..'. | NEHTA | Missing words | 11 Mar 2013 |
| 7 | 2 [CDA-3143] | Guide for Use :: Grammar error | Correct the grammar | It describes the data content of an Medicare Overview as a hierarchy of data components' changed to 'It describes the data content of a Medicare Overview as an hierarchy of data components'. | NEHTA | Grammar error | 11 Mar 2013 |
| 8 | 6.1.1 [CDA-3157] | DOCUMENT AUTHOR :: Relationships :: Missing Cardinality | Cardinality included | Occurrences (child within parent) cardinality has been included. | NEHTA | Missing Cardinality | 21 Mar 2013 |
| 9 | 6.1.1 [CDA-3168] | DOCUMENT AUTHOR :: CDA Mapping :: Incorrect Author Choice | Correct the Author Choice | The entire CDA Mapping comments and table have been replaced with those suited to a DEVICE. | NEHTA | Incorrect Author Choice | 22 Mar 2013 |
| 10 | 6.1.2 [CDA-3156] | SUBJECT OF CARE :: Relationships :: Missing Cardinality | Cardinality included | Occurrences (child within parent) cardinality has been included. | NEHTA | Missing Cardinality | 21 Mar 2013 |
| 11 | 6.1 [CDA-3157] | Medicare Overview :: CDA R-MIM Representation :: Incorrect Cardinality for 'Code' | Cardinality included | The diagram has been updated to show the cardinality of ClinicalDocument.Code as [1..1]. | NEHTA | Incorrect Cardinality | 21 Mar 2013 |
| 12 | 6.1 [CDA-3162] | Medicare Overview :: CDA Mapping :: Definition | Definition updated | '..Repatriation Definition Pharmaceutical Benefits Scheme..' changed to '..Repatriation Pharmaceutical Benefits Scheme..'. | NEHTA | Incorrect Definition | 21 Mar 2013 |
| 13 | 6.1 [CDA-3167] | Medicare Overview :: CDA R-MIM Representation :: Figure 6.1. CDA Header Model for Medicare Overview Context | Diagram updated | The CDA R-MIM Class Diagram has been updated to show the Level 2 and Level 3 classes. | NEHTA | Incomplete Diagram | 22 Mar 2013 |
| 14 | 6.1 [CDA-3167] | Medicare Overview :: CDA Mapping :: Context | Context added | A sub-heading has been added to the Mapping Table above the 'DateTime Health Event Started' row to show the XPath. | NEHTA | Missing Context | 22 Mar 2013 |
| 15 | 7.1.1 [CDA-3173] | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) :: CDA Mapping :: Object Name | Change Object Name | '..Repatriation Definition Pharmaceutical Benefits Scheme..' changed to '..Repatriation Pharmaceutical Benefits Scheme..'. | NEHTA | More appropriate name needed | 21 Mar 2013 |
| 16 | 7.1.2.2.1.1 [CDA-3213] | SERVICE REQUESTER :: CDA Mapping :: Employer Organisation :: Entity Identifier | Remove unwanted mapping | 'SERVICE REQUESTER > Participant > Person or Organisation or Device > Person > Employer Organisation > Entity Identifier' has been removed from the Mapping Table. | NEHTA | Unwanted mapping | 26 Mar 2013 |
| 17 | 7.1.2.2.1.1 [CDA-3215] | SERVICE REQUESTER :: CDA Mapping :: Employer Organisation :: Organisation | Correct the Cardinality | Cardinality changed from [1..1] to [0..1]. | NEHTA | Incorrect Cardinality | 26 Mar 2013 |
| 18 | 7.1.2.2 [CDA-3193] | MEDICARE/DVA FUNDED SERVICES :: Identification | Correct the metadata type | 'Metadata Type Data Group' changed to 'Metadata Type Section'. | NEHTA | Incorrect metadata type | 26 Mar 2013 |
| 19 | 7.1.2.2 [CDA-3197] | MEDICARE/DVA FUNDED SERVICES :: CDA R-MIM Representation | Correct the title and hyperlink | 'Medicare/DVA Funded Service' changed to 'Medicare/DVA Funded Services' in the title and hyperlink. | NEHTA | Incorrect title and hyperlink | 26 Mar 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 20 | 7.1.3.2.1 [CDA-3246] | PHARMACEUTICAL BENEFIT ITEM :: CDA R-MIM Representation :: Narrative | Update narrative | 'Supply' changed to 'supply to match the element name in the path in the mapping table.<br><br>'effectivetime' has been changed to 'effectiveTime' to match the case of the attribute in the model. | NEHTA | Changes to narrative | 27 Mar 2013 |
| 21 | 7.1.3.2.1 [CDA-3248] | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping :: PBS/RPBS Item Code | Correct an element name | 'manufacturedMaterial' has been replaced with 'labeledDrug' in several places in the mapping table. | NEHTA | Incorrect element name | 27 Mar 2013 |
| 22 | 7.1.3.2 [CDA-3230] | PHARMACEUTICAL BENEFIT ITEMS :: Identification | Correct the metadata type | 'Metadata Type Data Group' changed to 'Metadata Type Section'. | NEHTA | Wrong metadata type | 27 Mar 2013 |
| 23 | 7.1.4 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: CDA Mapping :: EXCLUSION STATEMENT | Add SCS Data Component path | '> EXCLUSION STATEMENT' replaced with 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY > EXCLUSION STATEMENT'. | NEHTA | Missing SCS Data Component path | 26 Mar 2013 |
| 24 | 7.1.4 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: CDA Mapping :: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | Add SCS Data Component path | '> AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES' replaced with 'AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY > AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES'. | NEHTA | Missing SCS Data Component path | 26 Mar 2013 |
| 25 | 7.1.4.2.1.1 [CDA-3214] | Vaccine Administration (MEDICATION ACTION) :: CDA Mapping | Add missing values | Several missing SCS Data Component names, definitions, and cardinalities have now been included in the mapping table. | NEHTA | Missing Values | 26 Mar 2013 |
| 26 | 7.1.4.2.1.2.1 [CDA-3223] | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping | Add missing values | Several missing SCS Data Component names, definitions, and cardinalities have now been included in the mapping table. | NEHTA | Missing Values | 27 Mar 2013 |
| 27 | 7.1.4.2.1.2.2 [CDA-3274] | VACCINE CANCELLATION REASON :: CDA Mapping :: displayName | Correct a display name | 'entryRelationship[vac_cancellation_reason]/act/code/displayName="Comment"' changed to 'entryRelationship[vac_cancellation_reason]/act/code/displayName="Clinical Intervention Note"' to coincide with the '15595' data element OID Register name. | NEHTA | Incorrect display name | 28 Mar 2013 |
| 28 | 7.1.4.2.1.2 [CDA-3219] | VACCINE CANCELLATION ENTRY :: Relationships | Correct the Order | Parent table has now been placed before Children table. | NEHTA | Incorrect order of Parent and Children tables | 27 Mar 2013 |
| 29 | 7.1.4.2.1 [CDA-3203] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY :: CDA Mapping :: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | Insert missing names | 'A run-time choice to be made between a and a ' has been changed to 'A run-time choice to be made between a VACCINE ADMINISTRATION ENTRY and a VACCINE CANCELLATION ENTRY'. | NEHTA | Missing names in Definition | 26 Mar 2013 |
| 30 | 7.1.4 [CDA-3170] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: Relationships :: Parent | Missing Cardinality | Occurrences (child within parent) cardinality has been included. | NEHTA | Missing Cardinality | 22 Mar 2013 |
| 31 | 7.1.4 [CDA-3190] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: CDA Mapping | Add SCS Data Component name, definition, and cardinality | The mapping table has now been populated with the SCS Data Component name, definition, and cardinality. | NEHTA | Missing SCS Data Component name, definition, and cardinality | 26 Mar 2013 |
| 32 | 7.1.4 [CDA-3191] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: CDA Mapping :: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | Add @code value | 'component[med_acir]/section/code/@code=""' changed to 'component[med_acir]/section/code/@code="101.16776"'. | NEHTA | Missing @code value | 26 Mar 2013 |
| 33 | 7.1.5 [CDA-3147] | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION :: Relationships :: Parent :: Missing Cardinality | Cardinality included | Occurrences (child within parent) cardinality has been included. | NEHTA | Missing Cardinality | 21 Mar 2013 |
| 34 | 7.1.5 [CDA-3171] | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION :: Relationships :: Parent | Missing Cardinality | Occurrences (child within parent) cardinality has been included. | NEHTA | Missing Cardinality | 22 Mar 2013 |
| 35 | 7.1 [CDA-3172] | Medicare Overview :: CDA Mapping :: Definition | Definition updated | '..Repatriation Definition Pharmaceutical Benefits Scheme..' changed to '..Repatriation Pharmaceutical Benefits Scheme..'. | NEHTA | Incorrect Definition | 21 Mar 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 36 | 8.3<br><br>[CDA-3141] | time :: Spelling error | Correct spelling error | 'timezone' changed to 'time zone'. | NEHTA | Spelling error | 11 Mar 2013 |
| 37 | 8.9<br><br>[CDA-3271] | PCEHR URN Scheme | Correct a spelling mistake | 'it's' changed to 'its'. | NEHTA | Spelling mistake | 27 Mar 2013 |
| 38 | Example 7.10.<br><br>[CDA-3175] | PHARMACEUTICAL BENEFITS HISTORY XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 22 Mar 2013 |
| 39 | Example 7.11.<br><br>[CDA-3176] | EXCLUSION STATEMENT XML Fragment :: Code change | Change code | 'code="102.16134.172.1.5"' has been changed to 'code="102.16134.172.1.4"'. | NEHTA | Change code to match mapping table | 22 Mar 2013 |
| 40 | Example 7.11.<br><br>[CDA-3178] | Exclusion Statement XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 22 Mar 2013 |
| 41 | Example 7.11.<br><br>[CDA-3229] | PHARMACEUTICAL BENEFITS HISTORY :: EXCLUSION STATEMENT XML Fragment | Correct the title | 'Medicare Services - MBS and DVA Items' changed to 'Prescription Information - PBS and RPBS'. | NEHTA | Incorrect title | 27 Mar 2013 |
| 42 | Example 7.12.<br><br>[CDA-3179] | Pharmaceutical Benefit Items XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 22 Mar 2013 |
| 43 | Example 7.13. | PHARMACEUTICAL BENEFIT ITEMS XML Fragment | Correct an element name | 'manufacturedMaterial' has been replaced with 'labeledDrug' in several places in the XML example. | NEHTA | Incorrect element name | 27 Mar 2013 |
| 44 | Example 7.13. | PHARMACEUTICAL BENEFIT ITEMS XML Fragment | Correct the title | 'PHARMACEUTICAL BENEFIT ITEMS XML Fragment' has been replaced with 'PHARMACEUTICAL BENEFIT ITEM XML Fragment'. | NEHTA | Incorrect title | 27 Mar 2013 |
| 45 | Example 7.13.<br><br>[CDA-3181] | Pharmaceutical Benefit Item XML Fragment | Update comment | The XML comment has been changed from < !-- Begin PBS Manufacturer Code --> to: < !-- Begin PBS/RPBS Manufacturer Code -->. | NEHTA | Error in comment | 25 Mar 2013 |
| 46 | Example 7.13.<br><br>[CDA-3185] | Pharmaceutical Benefit Items XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 26 Mar 2013 |
| 47 | Example 7.14.<br><br>[CDA-3185] | Pharmaceutical Benefit Items Document Provenance (LINK) XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 26 Mar 2013 |
| 48 | Example 7.15.<br><br>[CDA-3192] | Australian Childhood Immunisation Register History XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 26 Mar 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 49 | Example 7.16. [CDA-3198] | EXCLUSION STATEMENT XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 26 Mar 2013 |
| 50 | Example 7.17. [CDA-3199] | Australian Childhood Immunisation Register Entries XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 26 Mar 2013 |
| 51 | Example 7.18. [CDA-3216] | Vaccine Administration (MEDICATION ACTION) XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 26 Mar 2013 |
| 52 | Example 7.2. [CDA-3139] | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component> | NEHTA | Error in closing tag | 11 Mar 2013 |
| 53 | Example 7.20 | VACCINE CANCELLATION REASON XML Fragment | Correct a display name | 'displayName="Comment"' changed to 'displayName="Clinical Intervention Note"' to coincide with the '15595' data element OID Register name. | NEHTA | Incorrect display name | 28 Mar 2013 |
| 54 | Example 7.20. [CDA-3216] | Vaccine Cancellation Reason XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 27 Mar 2013 |
| 55 | Example 7.21. [CDA-3233] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) XML Fragment | Correct the 'displayName' | 'displayName="Link"' changed to 'displayName="Australian Childhood Immunisation Register Entries Document Provenance"'. | NEHTA | Incorrect 'displayName' | 27 Mar 2013 |
| 56 | Example 7.21. [CDA-3234] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 27 Mar 2013 |
| 57 | Example 7.22. [CDA-3235] | Australian Organ Donor Register Decision Information XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 27 Mar 2013 |
| 58 | Example 7.23. [CDA-3238] | EXCLUSION STATEMENT XML Fragment :: Tags missing or not properly closed | Update closing tags | Inner <component> changed to </component>.<br>Outer <component> changed to </component>.<br><section> changed to </section>. | NEHTA | Error in closing tags | 27 Mar 2013 |
| 59 | Example 7.24. [CDA-3239] | Australian Organ Donor Register Details XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 27 Mar 2013 |
| 60 | Example 7.25. [CDA-3242] | Australian Organ Donor Register Entry XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 27 Mar 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 61 | Example 7.26. [CDA-3244] | Australian Organ Donor Register Details Document Provenance (LINK) XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component>. | NEHTA | Error in closing tag | 27 Mar 2013 |
| 62 | Example 7.3. [CDA-3140] | MEDICARE/DVA FUNDED SERVICES HISTORY XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component> | NEHTA | Error in closing tag | 11 Mar 2013 |
| 63 | Example 7.3 [CDA-3228] | MEDICARE/DVA FUNDED SERVICES HISTORY :: XML Fragment | Correct two comments | 'Begin PHARMACEUTICAL BENEFITS HISTORY' changed to 'Begin MEDICARE/DVA FUNDED SERVICES HISTORY'.<br>'End PHARMACEUTICAL BENEFITS HISTORY' changed to 'End MEDICARE/DVA FUNDED SERVICES HISTORY'. | NEHTA | Incorrect comments | 27 Mar 2013 |
| 64 | Example 7.4. [CDA-3144] | EXCLUSION STATEMENT XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component> | NEHTA | Error in closing tag | 11 Mar 2013 |
| 65 | Example 7.5. [CDA-3145] | MEDICARE/DVA FUNDED SERVICES XML Fragment :: <component> should close with </component> | Update closing tag | Outer <component> changed to </component> | NEHTA | Error in closing tag | 11 Mar 2013 |
| 66 | Examples [CDA-3147] | XML Fragments | Tags closed | In many of the XML Fragments, tags that were not properly closed have been closed. | NEHTA | Tags not closed | 21 Mar 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 8) 28 Mar 2013 to Version 1.0 (Revision 9) 05 Apr 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 1.2 [CDA-3137] | Medicare Overview Definition :: Incorrect RPBS acronym expansion | RPBS name update | 'Repatriation Definition Pharmaceutical Benefits Scheme (RPBS)' changed to 'Repatriation Pharmaceutical Benefits Scheme (RPBS)'. | NEHTA | Incorrect RPBS name | 04 Apr 2013 |
| 2 | 10.11 [CDA-3354] | AS 5017-2006 Health Care Client Identifier Date Accuracy Indicator | Grammar corrections | 'This data elements that use this value set contains positional fields (DMY)' has been changed to: 'The data elements that use this value set contain positional fields (DMY)'. | NEHTA | Incorrect Grammar | 05 Apr 2013 |
| 3 | 5.1 [CDA-3137] | ClinicalDocument :: CDA Mapping :: Incorrect RPBS acronym expansion | RPBS name update | 'Repatriation Definition Pharmaceutical Benefits Scheme (RPBS)' changed to 'Repatriation Pharmaceutical Benefits Scheme (RPBS)'. | NEHTA | Incorrect RPBS name | 04 Apr 2013 |
| 4 | 6.1 [CDA-3137] | Medicare Overview :: CDA Mapping :: Incorrect RPBS acronym expansion | RPBS name update | 'Repatriation Definition Pharmaceutical Benefits Scheme (RPBS)' changed to 'Repatriation Pharmaceutical Benefits Scheme (RPBS)'. | NEHTA | Incorrect RPBS name | 04 Apr 2013 |
| 5 | 7.1.2.2.1.1 [CDA-3346] | SERVICE REQUESTER :: CDA Mapping :: SERVICE REQUESTER :: Participant | Definition added. Cardinality corrected | Definition has been changed from 'n/a' to 'The clinician or other healthcare specialist who requested that the service be provided'.<br>The cardinality of [1..1] has been changed to [0..1] to match the SCS and the Data Hierarchy in the CDA-IG. | NEHTA | Add definition. Correct the cardinality | 05 Apr 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 6 | 7.1.4.2 [CDA-3348] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES :: CDA Mapping :: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY | Insert missing names | 'A run-time choice to be made between a and a ' has been changed to 'A run-time choice to be made between a VACCINE ADMINISTRATION ENTRY and a VACCINE CANCELLATION ENTRY'. | NEHTA | Missing names in Definition | 05 Apr 2013 |
| 7 | 7.1 [CDA-3137] | Medicare Overview :: CDA Mapping :: Incorrect RPBS acronym expansion | RPBS name update | 'Repatriation Definition Pharmaceutical Benefits Scheme (RPBS)' changed to 'Repatriation Pharmaceutical Benefits Scheme (RPBS)'. | NEHTA | Incorrect RPBS name | 04 Apr 2013 |
| 8 | 8.3 [CDA-3141] | time :: Spelling error | Correct spelling error | 'timezone' changed to 'time zone'. | NEHTA | Spelling error | 04 Apr 2013 |
| 9 | Copyright [CDA-3337] | Copyright | Year updated | 'Copyright © 2012 National E-Health Transition Authority Ltd. (NEHTA)' has been changed to: 'Copyright © 2013 National E-Health Transition Authority Ltd. (NEHTA)'. | NEHTA | Adjust copyright year | 04 Apr 2013 |
| 10 | Example 7.11. [CDA-3176] | EXCLUSION STATEMENT XML Fragment | XML Example updated | 'code="102.16134.172.1.5"' has been changed to 'code="102.16134.172.1.4"' to match the mapping table. | NEHTA | Adjust XML Fragment - align with Mapping Table. | 04 Apr 2013 |
| 11 | Example 7.11. [CDA-3334] | EXCLUSION STATEMENT XML Fragment | XML Example updated | 'code="102.16134.172.1.5"' has been changed to 'code="102.16134.172.1.4"' to match the mapping table. | NEHTA | Adjust XML Fragment - align with Mapping Table. | 04 Apr 2013 |
| 12 | Example 7.22. [CDA-3339] | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION XML Fragment | displayName updated | The XML Fragment has been changed from: 'displayName="Australian Organ Donor Register Information"' to: 'displayName="Australian Organ Donor Register Decision Information"'. | NEHTA | Correct the display name | 04 Apr 2013 |
| 13 | Figure 7.9. [CDA-3350] | Medicare/DVA Funded Services Document Provenance (LINK) (and other instances of LINK) | Diagram corrections | The entry relationship qualifier '0.* clinicalStatement' has been added to the diagram.<br><br>The code attribute of the Act class cardinality [0..1] has been changed to [1..1].<br><br>The relationship objects [entry] and [reference] have been renamed in lower-case (to follow object naming conventions instead of class naming conventions).<br><br>All further instances of CDA R-MIM representations of the LINK data group make use of the same diagram that has now been corrected. | NEHTA | Diagram has issues | 05 Apr 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 9) 05 Apr 2013 to Version 1.0 (Revision 10) 08 Apr 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.2.2.1.1 [CDA-3213] | Australian CDA Extensions :: Ingredient | Element added to SCS path | 'Person > Employer Organisation' has been change to 'Person > Employment Detail > Employer Organisation' in several rows in the mapping table. | NEHTA | Missing element in SCS path | 08 Apr 2013 |
| 2 | 9.11 [CDA-3358] | Australian CDA Extensions :: Ingredient | Section added | 9.11 Ingredient added to CDA-IG | NEHTA | Missing section | 08 Apr 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 3 | Reference List [CDA-3213] | Reference List | SCS name changed | '[NEHT2012h] National E-Health Transition Authority, Medicare Information View Structured Content Specification' changed to '[NEHT2012j] National E-Health Transition Authority, Medicare Overview Structured Content Specification'. | NEHTA | Incorrect SCS name | 08 Apr 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 10) 08 Apr 2013 to Version 1.0 (Revision 11) 09 Apr 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.2.2.1.1 [CDA-3359] | SERVICE REQUESTER :: CDA Mapping | Added link to Common Patterns | 'participant/participantRole/scopingEntity' now has a link to Common Pattern: 8.8 Employment. | NEHTA | Require link to Common Patterns | 09 Apr 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 11) 09 Apr 2013 to Version 1.0 (Revision 12) 18 Apr 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.2.2.1.1 [CDA-3373] | SERVICE REQUESTER :: CDA Mapping :: Entity Identifier | Reinstated Entity Identifier | The ability to provide a local or national Entity Identifier for a SERVICE REQUESTER - Organisation has been re-instated. | NEHTA | Entity Identifier removed in error | 17 Apr 2013 |
| 2 | 7.1.2.2.1.1 [CDA-3374] | SERVICE REQUESTER :: CDA Mapping :: scopingEntity | Corrected cardinality | Cardinality has been changed from [0..*] to [0..1]. | NEHTA | Incorrect cardinality | 17 Apr 2013 |
| 3 | 7.1.2.2.2 [CDA-3376] | Medicare/DVA Funded Services Document Provenance (LINK) :: CDA R-MIM Representation | Added identification of the PCEHR Repository | R-MIM diagram has been replaced with a new diagram showing the additional 'externalAct' class | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 4 | 7.1.2.2.2 [CDA-3376] | Medicare/DVA Funded Services Document Provenance (LINK) :: CDA Mapping :: PCEHR Repository | Added identification of the PCEHR Repository | Extra rows have been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 5 | 7.1.3.2.1 [CDA-3372] | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping :: PBS/RPBS Item Code | Corrected element name | All instances of 'labeledDrug' have been changed to 'manufacturedLabeledDrug' in the mapping table. | NEHTA | Incorrect element name | 17 Apr 2013 |
| 6 | 7.1.3.2.2 [CDA-3376] | Pharmaceutical Benefit Items Document Provenance (LINK) :: CDA R-MIM Representation | Added identification of the PCEHR Repository | R-MIM diagram has been replaced with a new diagram showing the additional 'externalAct' class | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 7 | 7.1.3.2.2 [CDA-3376] | Pharmaceutical Benefit Items Document Provenance (LINK) :: CDA Mapping :: PCEHR Repository | Added identification of the PCEHR Repository | Extra rows have been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 8 | 7.1.4.2.2 [CDA-3376] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) :: CDA R-MIM Representation | Added identification of the PCEHR Repository | R-MIM diagram has been replaced with a new diagram showing the additional 'externalAct' class | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 9 | 7.1.4.2.2 [CDA-3376] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) :: CDA Mapping :: PCEHR Repository | Added identification of the PCEHR Repository | Extra rows have been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 10 | 7.1.5.2.2 [CDA-3376] | Australian Organ Donor Register Details Document Provenance (LINK) :: CDA R-MIM Representation | Added identification of the PCEHR Repository | R-MIM diagram has been replaced with a new diagram showing the additional 'externalAct' class | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 11 | 7.1.5.2.2 [CDA-3376] | Australian Organ Donor Register Details Document Provenance (LINK) :: CDA Mapping :: PCEHR Repository | Added identification of the PCEHR Repository | Extra rows have been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 12 | Example 7.13. [CDA-3372] | PHARMACEUTICAL BENEFIT ITEM XML Fragment | Corrected element name | All instances of 'labeledDrug' have been changed to 'manufacturedLabeledDrug' in the XML Fragment. | NEHTA | Incorrect element name | 17 Apr 2013 |
| 13 | Example 7.14. [CDA-3376] | Medicare/DVA Funded Services Document Provenance (LINK) XML Fragment | Added identification of the PCEHR Repository | A snippet of code has been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 14 | Example 7.21. [CDA-3376] | Pharmaceutical Benefit Items Document Provenance (LINK) XML Fragment | Added identification of the PCEHR Repository | A snippet of code has been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 15 | Example 7.26. [CDA-3376] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) XML Fragment | Added identification of the PCEHR Repository | A snippet of code has been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |
| 16 | Example 7.9. [CDA-3376] | Australian Organ Donor Register Details Document Provenance (LINK) XML Fragment | Added identification of the PCEHR Repository | A snippet of code has been added for the identification of the PCEHR Repository. | NEHTA | Missing identification of the PCEHR Repository | 17 Apr 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 12) 18 Apr 2013 to Version 1.0 (Revision 13) 19 Apr 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.2.2.2 | Medicare/DVA Funded Services Document Provenance (LINK) :: CDA R-MIM Representation | Added 'code' to 'externalAct' class | R-MIM diagram has been replaced with a new diagram showing the additional 'code' element in 'externalAct' class | NEHTA | Missing element | 19 Apr 2013 |
| 2 | 7.1.2.2.2 | Medicare/DVA Funded Services Document Provenance (LINK) :: CDA Mapping :: Link Target | Path corrected | 'codecode' replaced with 'code/@code' | NEHTA | Incorrect path | 19 Apr 2013 |
| 3 | 7.1.3.2.2 | Pharmaceutical Benefit Items Document Provenance (LINK) :: CDA R-MIM Representation | Added 'code' to 'externalAct' class | R-MIM diagram has been replaced with a new diagram showing the additional 'code' element in 'externalAct' class | NEHTA | Missing element | 19 Apr 2013 |
| 4 | 7.1.3.2.2 | Pharmaceutical Benefit Items Document Provenance (LINK) :: CDA Mapping :: Link Target | Path corrected | 'codecode' replaced with 'code/@code' | NEHTA | Incorrect path | 19 Apr 2013 |
| 5 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Provenance (LINK) :: CDA R-MIM Representation | Added 'code' to 'externalAct' class | R-MIM diagram has been replaced with a new diagram showing the additional 'code' element in 'externalAct' class | NEHTA | Missing element | 19 Apr 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 6 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Provenance (LINK) :: CDA Mapping :: Link Target | Path corrected | 'codecode' replaced with 'code/@code' | NEHTA | Incorrect path | 19 Apr 2013 |
| 7 | 7.1.5.2.2 | Australian Organ Donor Register Details Document Provenance (LINK) :: CDA R-MIM Representation | Added 'code' to 'externalAct' class | R-MIM diagram has been replaced with a new diagram showing the additional 'code' element in 'externalAct' class | NEHTA | Missing element | 19 Apr 2013 |
| 8 | 7.1.5.2.2 | Australian Organ Donor Register Details Document Provenance (LINK) :: CDA Mapping :: Link Target | Path corrected | 'codecode' replaced with 'code/@code' | NEHTA | Incorrect path | 19 Apr 2013 |

This appendix lists the major changes and fixes applied to this CDA Implementation Guide resulting from public feedback and internal testing.

Changes from Version 1.0 (Revision 13) 19 Apr 2013 to Version 1.0 (Revision 14) 29 Apr 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | Document | Document | Promoted to 'Final' | The document has been promoted from 'Draft' to 'Final' | NEHTA | Promote to 'Final' | 29 Apr 2013 |

Changes from Version 1.0 (Revision 14) 29 Apr 2013 to Version 1.0 (Revision 15) 13 May 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | Document<br><br>[CDA-3413] | Document Information | Corrected references to Medicare Information View | 'Information Requirements - Medicare Information View' changed to 'Information Requirements - Medicare Overview'.<br><br>'Medicare Information View Structured Content Specification' changed to 'Medicare Overview Structured Content Specification'. | NEHTA | Correct references to Medicare Information View | 07 May 2013 |
| 2 | Document<br><br>[CDA-3413] | Reference List | Corrected reference to Medicare Information View | 'National E-Health Transition Authority, Medicare Information View Structured Content Specification, Version 1.0. ' changed to 'National E-Health Transition Authority, Medicare Overview Structured Content Specification, Version 1.0.'. | NEHTA | Correct reference to Medicare Information View | 07 May 2013 |

Changes from Version 1.0 (Revision 13) 19 May 2013 to Version 1.0 (Revision 14) 29 May 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | Document | Document | Promoted to 'Final' | The document has been promoted from 'Draft' to 'Final' | NEHTA | Promote to 'Final' | 29 Apr 2013 |

Changes from Version 1.0 (Revision 15) 13 July 2013 to Version 1.1 (Revision 01) 30 July 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 1.1 [CDA-3414] | Introduction :: Document Purpose and Scope | Implemented editorial review comments | Implemented editorial review comments - punctuation and wording changes. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 2 | 1.2 [CDA-3417] | Introduction :: Medicare Overview Definition | Updated definition | Propagated definition change from the SCS. | NEHTA | Update definition | 24 July 2013 |
| 3 | 1.5 [CDA-3421] | Introduction :: Document Map | Implemented editorial review comments | Implemented editorial review comments - replaced hyphens. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 4 | 1.6 [CDA-3422] | Introduction :: Acronyms | Implemented editorial review comments | Implemented editorial review comments - corrected punctuation in introduction sentence and alphabetised the list of acronyms. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 5 | 1.7 [CDA-3423] | Introduction :: Keywords | Implemented editorial review comments | Implemented editorial review comments - changed "definition" to "statement", removed unneeded quotation marks, and removed MUST and MUST NOT to match changes made to the rest of the document. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 6 | 1.8 [CDA-3428] | Introduction :: Conformance | Implemented editorial review comments | Implemented editorial review comments - punctuation, wording, and correcting presentation of normative terms. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 7 | 1.9 [CDA-3429] | Introduction :: Known Issues | Implemented editorial review comments | Implemented editorial review comments - propagated improved standard introduction sentence wording. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 8 | 1.9 [CDA-3430] | Introduction :: Known Issues | Implemented editorial review comments | Implemented editorial review comments - changed "... mappings in this message specification, care need to be taken when copying XML examples..." to "... mappings in this message specification, care needs to be taken when copying XML examples...". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 9 | 10.3 [CDA-3491] | AS 5017-2006: Health Care Client Name Usage | Implemented editorial review comments | Implemented editorial review comments - added two commas to the first note. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 10 | 10 [CDA-3489] | Vocabularies and Code Sets | Implemented editorial review comments | Implemented editorial review comments - changed chapter title to "Vocabularies and Code Sets" from "Vocabularies/Code Sets". | NEHTA | Implement editorial review comments | 25 July 2013 |
| 11 | 2.1 [CDA-3432] [CDA-3433] | Guide for Use :: Clinical Document Architecture Release 2 | Implemented editorial review comments | Implemented editorial review comments - changes to punctuation, grammar, replaced instances of "must", and corrected presentation of normative terms. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 12 | 2.4 [CDA-3440] | Guide for Use :: W3C XML Schema | Implemented editorial review comments | Implemented editorial review comments - punctuation and wording changes. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 13 | 2.6 [CDA-3454] | Guide for Use :: Implementation Strategies | Implemented editorial review comments | Implemented editorial review comments - changed "... using a Document Object Model (DOM) and/or 3rd Generation Language (3GL) code." to "... using a Document Object Model (DOM) or 3rd Generation Language (3GL) code (or both)." | NEHTA | Implement editorial review comments | 24 July 2013 |
| 14 | 2 [CDA-3431] | Guide for Use | Implemented editorial review comments | Implemented editorial review comments - punctuation and grammar changes. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 15 | 3 | Data Hierarchy :: DateTime Health Event Ended | Updated to match SCS change | DateTime Health Event Ended is now Latest Date for Filtering (DateTime Health Event Ended). | NEHTA | Update to match SCS change | 26 July 2013 |
| 16 | 3 | Data Hierarchy :: DateTime Health Event Started | Updated to match SCS change | DateTime Health Event Started is now Earliest Date for Filtering (DateTime Health Event Started). | NEHTA | Update to match SCS change | 26 July 2013 |
| 17 | 3 | Data Hierarchy :: MEDICARE/DVA FUNDED SERVICES | Updated to match SCS change | Cardinality changed from 0..* to 0..1. | NEHTA | Update to match SCS change | 26 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 18 | 3 | Data Hierarchy :: Medicare/DVA Funded Services Document Provenance (LINK) | Updated to match SCS change | Medicare/DVA Funded Services Document Provenance (LINK) has been prohibited. | NEHTA | Update to match SCS change | 26 July 2013 |
| 19 | 3 | Data Hierarchy :: Medicare/DVA Funded Service Document Link (LINK) | Updated to match SCS change | Medicare/DVA Funded Service Document Link (LINK) has been made REQUIRED. | NEHTA | Update to match SCS change | 26 July 2013 |
| 20 | 3 | Data Hierarchy :: PHARMACEUTICAL BENEFIT ITEMS | Updated to match SCS change | Cardinality changed from 0..* to 0..1. | NEHTA | Update to match SCS change | 26 July 2013 |
| 21 | 3 | Data Hierarchy :: Pharmaceutical Benefit Items Document Provenance (LINK) | Updated to match SCS change | Pharmaceutical Benefit Items Document Provenance (LINK) has been prohibited. | NEHTA | Update to match SCS change | 26 July 2013 |
| 22 | 3 | Data Hierarchy :: Pharmaceutical Benefit Item Document Link (LINK) | Updated to match SCS change | Pharmaceutical Benefit Item Document Link (LINK) has been made REQUIRED. | NEHTA | Update to match SCS change | 26 July 2013 |
| 23 | 3 | Data Hierarchy :: Australian Childhood Immunisation Register Entries Document Link (LINK) | Updated to match SCS change | Australian Childhood Immunisation Register Entries Document Provenance (LINK) is now Australian Childhood Immunisation Register Entries Document Link (LINK). | NEHTA | Update to match SCS change | 26 July 2013 |
| 24 | 3 | Data Hierarchy :: Australian Organ Donor Register Details Document Link (LINK) | Updated to match SCS change | Australian Organ Donor Register Details Document Provenance (LINK) is now Australian Organ Donor Register Details Document Link (LINK). | NEHTA | Update to match SCS change | 26 July 2013 |
| 25 | 4 [CDA-3455] | Administrative Observations :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - corrected "Administrative Observation section SHOULD to be" to "Administrative Observation section SHOULD be". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 26 | 4 [CDA-3456] | Administrative Observations :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - several instances of "Data Elements" changed to "data elements"; only instances that are in title case to represent heading titles have been retained. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 27 | 4 [CDA-3456] | Administrative Observations :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - several instances of "Data Elements" changed to "data elements"; only instances that are in title case to represent heading titles have been retained. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 28 | 4 [CDA-3458] | Administrative Observations :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - added full stop to "This section SHALL contain a code if provided". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 29 | 4 [CDA-3460] | Administrative Observations :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - corrected presentation of the term OPTIONAL. | NEHTA | Implement editorial review comments | 24 July 2013 |
| 30 | 5.1.1 [CDA-3465] | Custodian :: Identification | Implemented editorial review comments | Implemented editorial review comments - changed "Represents the organization that is in charge ..." to "The organization that is in charge ...". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 31 | 5.1 [CDA-3453] | ClinicalDocument :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - corrected "Release Two specification" to "Release 2 specification". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 32 | 5.1 [CDA-3454] | ClinicalDocument :: CDA Mapping | Updated definition | Medicare Overview definition updated propagated from the SCS. | NEHTA | Update definition | 24 July 2013 |
| 33 | 6.1.1 | Document Author :: CDA Mapping | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 34 | 6.1.1 | DOCUMENT AUTHOR :: CDA Mapping :: Person or Organisation or Device | Updated to match SCS change | Data Component Definition changed from "and" to "or". | NEHTA | Update to match SCS change | 26 July 2013 |
| 35 | 6.1.1 [CDA-3475] | DOCUMENT AUTHOR :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 36 | 6.1.2 | SUBJECT OF CARE :: CDA Mapping :: Person or Organisation or Device | Implemented editorial review comments | Data Component Definition changed from "and" to "or". | NEHTA | Implement editorial review comments | 25 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 37 | 6.1.2 [CDA-3471] | SUBJECT OF CARE :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 38 | 6.1 [CDA-3466] | Medicare Overview :: Relationships | Implemented editorial review comments | Implemented editorial review comments - table heading changed to "Children". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 39 | 7.1 | Medicare Overview :: CDA Mapping | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 40 | 7.1 | Medicare Overview (Body) :: CDA Mapping | Updated to match SCS change | Comments updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 41 | 7.1.1 | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) :: CDA Mapping | Updated to match SCS change | Data Component Definition and displayName updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 42 | 7.1.2 | MEDICARE/DVA FUNDED SERVICES HISTORY :: Relationships | Updated to match SCS change | Occurrence of MEDICARE/DVA FUNDED SERVICES changed to 0..1. | NEHTA | Update to match SCS change | 26 July 2013 |
| 43 | 7.1.2 | MEDICARE/DVA FUNDED SERVICES HISTORY :: CDA Mapping | Updated to match SCS change | Data Component Definition and Comments updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 44 | 7.1.2 | MEDICARE/DVA FUNDED SERVICES HISTORY :: CDA Mapping :: MEDICARE/DVA FUNDED SERVICES | Updated to match SCS change | Data Component Definition and Cardinality updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 45 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICES :: Relationships | Updated to match SCS change | Children and Occurrences updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 46 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICES :: CDA Mapping | Updated to match SCS change | Data Component Definition and Cardinality updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 47 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICES :: CDA Mapping :: MEDICARE/DVA FUNDED SERVICE | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 48 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICE :: Relationships | Updated to match SCS change | Children updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 49 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 50 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping :: Medicare/DVA Funded Service Document Link (LINK) | Updated to match SCS change | Added Medicare/DVA Funded Service Document Link (LINK) to the CDA Mapping table. | NEHTA | Update to match SCS change | 26 July 2013 |
| 51 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEMS :: Relationships | Updated to match SCS change | Children and Occurrences updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 52 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEMS :: CDA Mapping | Updated to match SCS change | Data Component Definition and Cardinality updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 53 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEMS :: CDA Mapping :: PHARMACEUTICAL BENEFIT ITEM | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 54 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEM :: Relationships | Updated to match SCS change | Children updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 55 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping :: Date of Prescribing | Updated to match SCS change | Changed manufacturedLabeledDrug to manufacturedMaterial. | NEHTA | Update to match SCS change | 26 July 2013 |
| 56 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping :: PBS/RPBS Item Code | Updated to match SCS change | Changed manufacturedLabeledDrug to manufacturedMaterial. | NEHTA | Update to match SCS change | 26 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 57 | 7.1.2.2 | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping :: Pharmaceutical Benefit Item Document Link (LINK) | Updated to match SCS change | Added Pharmaceutical Benefit Item Document Link (LINK) to the CDA Mapping table. | NEHTA | Update to match SCS change. | 26 July 2013 |
| 58 | 7.1.2.2 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES :: CDA Mapping :: Australian Childhood Immunisation Register Entries Document Link (LINK) | Updated to match SCS change | Deleted comment to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 59 | 7.1.2.2 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY :: CDA Mapping | Updated to match SCS change | Comments updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 60 | 7.1.2.2 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY :: CDA Mapping :: VACCINE CANCELLATION ENTRY | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 61 | 7.1.2.2.1.1 | SERVICE REQUESTER :: CDA Mapping | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 62 | 7.1.2.2.1.1 | SERVICE REQUESTER :: CDA Mapping :: Person or Organisation or Device | Updated to match SCS change | Added Vocab to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 63 | 7.1.2.2.1.2 | SERVICE PROVIDER :: CDA Mapping :: Person or Organisation or Device | Updated to match SCS change | Added Vocab to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 64 | 7.1.2.2.1.3 | Medicare/DVA Funded Service Document Link (LINK) | Updated to match SCS change | Added Data Group to match SCS. | NEHTA | Update to match SCS change | 26 July 2013 |
| 65 | 7.1.2.2.2 [CDA-3475] | Medicare/DVA Funded Services Document Provenance (LINK) :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 66 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY :: Relationships | Updated to match SCS change | Occurrence of PHARMACEUTICAL BENEFIT ITEMS changed to 0..1. | NEHTA | Update to match SCS change | 26 July 2013 |
| 67 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY :: CDA Mapping | Updated to match SCS change | Data Component Definition and Comments updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 68 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY :: CDA Mapping :: PHARMACEUTICAL BENEFIT ITEMS | Updated to match SCS change | Data Component Definition and Cardinality updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 69 | 7.1.3 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: CDA Mapping | Updated to match SCS change | Comments updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 70 | 7.1.3.2.1.1 | Pharmaceutical Benefit Item Document Link (LINK) | Updated to match SCS change | Added Pharmaceutical Benefit Item Document Link (LINK) to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 71 | 7.1.3.2.2 [CDA-3475] | Pharmaceutical Benefit Items Document Provenance (LINK) :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 72 | 7.1.4.2.1 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY :: CDA Mapping :: VACCINE ADMINISTRATION ENTRY | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 73 | 7.1.4.2.1.1 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES :: Relationships | Updated to match SCS change | Updated Name in Children to Australian Childhood Immunisation Register Entries Document Link (LINK) to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 74 | 7.1.4.2.1.1 | VACCINE ADMINISTRATION ENTRY :: CDA Mapping | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 75 | 7.1.4.2.1.1.1 | Vaccine Administration (MEDICATION ACTION) :: CDA Mapping :: Vaccine Type (Therapeutic Good Identification) | Updated to match SCS change | Data Component Definition and Vocab updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 76 | 7.1.4.2.1.2 | VACCINE CANCELLATION ENTRY :: CDA Mapping | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 77 | 7.1.4.2.1.2 | VACCINE CANCELLATION ENTRY :: CDA Mapping :: VACCINE CANCELLATION REASON | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 78 | 7.1.4.2.1.2.1 | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping :: Vaccine Type (Therapeutic Good Identification) | Updated to match SCS change | Data Component Definition and Vocab updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 79 | 7.1.4.2.1.2.2 | VACCINE CANCELLATION REASON :: CDA Mapping | Updated to match SCS change | Data Component Definition and displayName updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 80 | 7.1.4.2.1.2.2 | VACCINE CANCELLATION REASON :: CDA Mapping :: Type (Vaccine Cancellation Reason Type) | Updated to match SCS change | Data Component Definition and displayName updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 81 | 7.1.4.2.1 [CDA-3466] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRY :: Relationships | Implemented editorial review comments | Implemented editorial review comments - table heading changed to "Children". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 82 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping | Updated to match SCS change | NEHTA SCS Data Component and displayName updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 83 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping :: Link Nature | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 84 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping :: Link Role | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 85 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping :: Target Document (Link Target) | Updated to match SCS change | NEHTA SCS Data Component updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 86 | 7.1.4.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping | Updated to match SCS change | NEHTA SCS Data Component and displayName updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 87 | 7.1.4.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping :: Link Nature | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 88 | 7.1.4.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping :: Link Role | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 89 | 7.1.4.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping :: Target Document (Link Target) | Updated to match SCS change | NEHTA SCS Data Component updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 90 | 7.1.4.2.2 [CDA-3475] | Australian Childhood Immunisation Register Entries Document Provenance (LINK) :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 91 | 7.1.4.2 [CDA-3466] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES :: Relationships | Implemented editorial review comments | Implemented editorial review comments - table heading changed to "Children". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 92 | 7.1.4 [CDA-3466] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: Relationships | Implemented editorial review comments | Implemented editorial review comments - table heading changed to "Children". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 93 | 7.1.5 | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION :: CDA Mapping | Updated to match SCS change | Data Component Definition and Comments updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 94 | 7.1.5.2 | AUSTRALIAN ORGAN DONOR REGISTER DETAILS :: Relationships | Updated to match SCS change | Updated Name in Children to Australian Organ Donor Register Details Document Link (LINK) to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 95 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Date of Initial Registration | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 96 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Donation Decision | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 97 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Bone Tissue Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 98 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Eye Tissue Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 99 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Heart Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 100 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Heart Valve Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 101 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Kidney Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 102 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Liver Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 103 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Lungs Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 104 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Pancreas Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 105 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping :: Skin Tissue Indicator | Updated to match SCS change | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS change | 26 July 2013 |
| 106 | 7.1.5.2.1 [CDA-3475] | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 107 | 7.1.5.2.2 [CDA-3475] | Australian Organ Donor Register Details Document Provenance (LINK) :: CDA Mapping | Implemented editorial review comments | Implemented editorial review comments - replaced MUST with SHALL. | NEHTA | Implement editorial review comments | 25 July 2013 |
| 108 | 7.1 [CDA-3466] | Medicare Overview :: Relationships | Implemented editorial review comments | Implemented editorial review comments - table heading changed to "Children". | NEHTA | Implement editorial review comments | 24 July 2013 |
| 109 | 8.1 [CDA-3476] [CDA-3477] [CDA-3479] [CDA-3480] [CDA-3481] | Code | Implemented editorial review comments | Implemented editorial review comments - changes to punctuation, grammar, replaced instances of "must", and corrected presentation of normative terms. Also corrected four instances of "... as selected, typed or seen by..." to "... selected by, typed by or displayed to...". | NEHTA | Implement editorial review comments | 25 July 2013 |
| 110 | 8.9 [CDA-3484] [CDA-3486] | PCEHR URN Scheme | Implemented editorial review comments | Implemented editorial review comments - changes to punctuation, grammar, and corrected presentation of normative terms. | NEHTA | Implement editorial review comments | 25 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 111 | 9<br><br>[CDA-3488] | Australian CDA Extensions | Implemented editorial review comments | Implemented editorial review comments - changed "As such the following extensions have been defined where Australian concepts were not represented in CDA" to "This section contains extensions that have been defined for Australian concepts not represented in CDA". | NEHTA | Implement editorial review comments | 25 July 2013 |
| 112 | Document | 7.1.2.2.2 | Updated to match SCS change | 7.1.2.2.2 Medicare/DVA Funded Services Document Provenance (LINK) removed as the Data Group is PROHIBITED. | NEHTA | Update to match SCS change | 26 July 2013 |
| 113 | Document | 7.1.3.2.2 | Updated to match SCS change | 7.1.3.2.2 Pharmaceutical Benefit Items Document Provenance (LINK) removed as the Data Group is PROHIBITED. | NEHTA | Update to match SCS change | 26 July 2013 |
| 114 | Document | Reference List | Updated ABS standard | ABS 2006 replaced by ABS 2009. | NEHTA | Update ABS standard | 25 July 2013 |
| 115 | Document<br><br>[CDA-3413] | Front Matter :: Related Documents | Updated list of related documents | List of related documents now includes v1.1 Medicare Overview documents. | NEHTA | Update list of related documents. | 24 July 2013 |
| 116 | Example 6.2 | Document Author XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 117 | Example 6.3 | Subject of Care XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 118 | Example 7.1 | Medicare Overview Body XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 119 | Example 7.10 | PHARMACEUTICAL BENEFITS HISTORY XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 120 | Example 7.11 | EXCLUSION STATEMENT XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 121 | Example 7.12 | PHARMACEUTICAL BENEFIT ITEMS XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 122 | Example 7.13 | PHARMACEUTICAL BENEFIT ITEM XML Fragment | Updated XML Fragments | Fixed indenting, comments, and spacing and updated to match changes to the mapping in manufacturedMaterial and Document Link. | NEHTA | Update XML Fragments | 29 July 2013 |
| 123 | Example 7.15 | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 124 | Example 7.16 | EXCLUSION STATEMENT XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 125 | Example 7.17 | Australian Childhood Immunisation Register Entries XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 126 | Example 7.18 | Vaccine Administration (MEDICATION ACTION) XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 127 | Example 7.19 | Vaccine Cancellation (MEDICATION ACTION) XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 128 | Example 7.2 | Medicare Overview Exclusion Statement (EXCLUSION STATEMENT) XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 129 | Example 7.20 | VACCINE CANCELLATION REASON XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 130 | Example 7.21 | Australian Childhood Immunisation Register Entries Document Link (LINK) XML Fragment | Updated XML Fragments | Fixed indenting, comments, and spacing and updated to match changes to data component names and display names. | NEHTA | Update XML Fragments | 29 July 2013 |
| 131 | Example 7.22 | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 132 | Example 7.23 | EXCLUSION STATEMENT XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 133 | Example 7.24 | Australian Organ Donor Register Details XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 134 | Example 7.25 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 135 | Example 7.26 | Australian Organ Donor Register Details Document Link (LINK) XML Fragment | Updated XML Fragments | Fixed indenting, comments, and spacing and updated to match changes to data component names and display names. | NEHTA | Update XML Fragments | 29 July 2013 |
| 136 | Example 7.3 | MEDICARE/DVA FUNDED SERVICES HISTORY XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 137 | Example 7.4 | EXCLUSION STATEMENT XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 138 | Example 7.5 | MEDICARE/DVA FUNDED SERVICES XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 139 | Example 7.6 | MEDICARE/DVA FUNDED SERVICE XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 140 | Example 7.7 | SERVICE REQUESTER XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |
| 141 | Example 7.8 | SERVICE PROVIDER XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 29 July 2013 |

Changes from Version 1.1 (Revision 01) 19 April 2013 to Version 1.1 (Revision 02) 06 August 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 10.13 | NCTIS: Admin Codes - Global Statement Values | Removed unused code set | Removed the unused code set 10.13 NCTIS: Admin Codes - Global Statement Values. | NEHTA | Remove unused code set | 05 August 2013 |
| 2 | 5 [CDA-3981] | CDA Header :: Remove references to Endpoint Specification | Removed references to Endpoint Specification | Removed all references to Endpoint Specifications from the text. | NEHTA | Remove references to Endpoint Specification | 05 August 2013 |
| 3 | 5 [CDA-3981] | CDA Header :: CDA Mapping :: Remove references to Endpoint Specification | Removed references to Endpoint Specification | Deleted the EPS Element column from the mapping table. | NEHTA | Remove references to Endpoint Specification | 06 August 2013 |
| 4 | 6.1 [CDA-3937] | Medicare Overview :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 5 | 7.1.2.2.1 | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping | Corrected presentation of Data Group name | Corrected presentation of Data Group name to "MEDICARE/DVA FUNDED SERVICE" in the NEHTA SCS Data Component column. | NEHTA | Correct presentation of Data Group name | 02 August 2013 |
| 6 | 7.1.2.2.1.2 [CDA-3938] | SERVICE PROVIDER :: CDA Mapping | Added missing Context | Corrected "Context: ...encounter" to "Context: ...encounter/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 7 | 7.1.2.2.1.2 [CDA-3980] | SERVICE PROVIDER :: CDA Mapping | Updated to match SCS change | Updated Comments to match SCS. | NEHTA | Update to match SCS change | 02 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 8 | 7.1.2.2.1.3 [CDA-3949] | Medicare/DVA Funded Service Document Link (LINK) :: CDA Mapping | Corrected mapping | Corrected Medicare/DVA Funded Service Document Link (LINK) mapping from ...entry/encounter/entry/act/ to ...entry/encounter/reference/. | NEHTA | Incorrect mapping entry/encounter/entry/act | 06 August 2013 |
| 9 | 7.1.2.2.1 [CDA-3974] | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping :: Service In Hospital Indicator | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 10 | 7.1.2.2.1 [CDA-3977] | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping :: Service Requester | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 11 | 7.1.2.2.1 [CDA-3978] | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping :: Service Provider | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 12 | 7.1.2.2.1 [CDA-3979] | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping :: Medicare MBS/DVA Item | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 13 | 7.1.2 [CDA-3968] | MEDICARE/DVA FUNDED SERVICES HISTORY :: CDA Mapping | Updated to match SCS change | Updated Comments to match SCS. | NEHTA | Update to match SCS change | 02 August 2013 |
| 14 | 7.1.3.1 [CDA-3951] | 7.1.3.1 EXCLUSION STATEMENT :: CDA Mapping | Completed elements | Corrected code from ".172.1.4" to "102.16134.172.1.4" and added the closing quotation mark around the displayName. | NEHTA | Incomplete elements | 02 August 2013 |
| 15 | 7.1.3.2.1.1 [CDA-3965] | Pharmaceutical Benefit Item Document Link (LINK) :: CDA Mapping | Corrected mapping | Corrected Pharmaceutical Benefit Item Document Link (LINK) mapping from ...entry/encounter/entry/act/ to ...entry/encounter/reference/. | NEHTA | Incorrect mapping entry/encounter/entry/act | 06 August 2013 |
| 16 | 7.1.3.2.1 [CDA-3941] | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 17 | 7.1.3.2 [CDA-3940] | PHARMACEUTICAL BENEFIT ITEMS :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 18 | 7.1.3.2 [CDA-3973] | PHARMACEUTICAL BENEFITS ITEMS :: CDA Mapping | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 19 | 7.1.3.2 [CDA-3975] | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 20 | 7.1.3.2 [CDA-3976] | PHARMACEUTICAL BENEFITS ITEMS :: CDA Mapping :: PHARMACEUTICAL BENEFIT ITEM | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 21 | 7.1.3 [CDA-3939] | PHARMACEUTICAL BENEFITS HISTORY :: CDA Mapping | Added missing Context | Corrected "Context: ...structuredBody" to "Context: ...structuredBody/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 22 | 7.1.3 [CDA-3969] | PHARMACEUTICAL BENEFITS HISTORY :: CDA Mapping | Updated to match SCS change | Updated Comments and Data Component Definition to match SCS. | NEHTA | Update to match SCS change | 02 August 2013 |
| 23 | 7.1.3 [CDA-3972] | PHARMACEUTICAL BENEFITS HISTORY :: CDA Mapping :: PHARMACEUTICAL BENEFIT ITEMS | Updated to match SCS change | Updated Data Component Definition to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 24 | 7.1.4.2.1.1.1 [CDA-3943] | Vaccine Administration (MEDICATION ACTION) :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 25 | 7.142121 [CDA-3944] | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 26 | 7.1.4 [CDA-3970] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER HISTORY :: CDA Mapping | Updated to match SCS change | Updated Comments to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 27 | 7.1.5.2 [CDA-3945] | AUSTRALIAN ORGAN DONOR REGISTER DETAILS :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 28 | 7.1.5.2 [CDA-3946] | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA Mapping | Added missing Context | Corrected "Context: ...section" to "Context: ...section/". | NEHTA | Context missing forward slash | 05 August 2013 |
| 29 | 7.1.5 [CDA-3971] | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION :: CDA Mapping | Updated to match SCS change | Updated Data Component Definition and Comments to match SCS change. | NEHTA | Update to match SCS change | 02 August 2013 |
| 30 | Example 4.1 | Example 4.1. Administrative Observations | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 05 August 2013 |
| 31 | Example 6.1 [CDA-3958] | Example 6.1. Medicare Overview Context :: CDA Mapping | Add missing data components | Added "Earliest Date for Filtering (DateTime Health Event Started)" and "Latest Date for Filtering (DateTime Health Event Ended)" to the instance file and the example. | NEHTA | Missing two data components | 05 August 2013 |
| 32 | Example 6.1 [CDA-3958] | Example 6.1. Medicare Overview Context :: CDA Mapping | Add missing data components | Added "Earliest Date for Filtering (DateTime Health Event Started)" and "Latest Date for Filtering (DateTime Health Event Ended)" to the instance file and the example. | NEHTA | Missing two data components | 05 August 2013 |
| 33 | Example 6.3 | Example 6.3. Subject of Care | Corrected Indigenous Status codeSystem | Corrected Indigenous Status codeSystem from "2.16.840.1.113883.3.879" to "2.16.840.1.113883.3.879.291036" in the instance file and example. | NEHTA | Incomplete Indigenous Status codeSystem | 05 August 2013 |
| 34 | Example 7.11 [CDA-3952] | Example 7.11 EXCLUSION STATEMENT | Corrected example title | Corrected "7.11 XML Fragment" to "7.11 EXCLUSION STATEMENT XML Fragment". | NEHTA | Incomplete example title | 02 August 2013 |
| 35 | Example 7.14 [CDA-3965] | Example 7.14. Pharmaceutical Benefit Item Document Link (LINK) XML Fragment | Corrected mapping | Updated the instance file and example with the change in mapping of LINK from ...entry/encounter/entry/act/ to ...entry/encounter/reference/. | NEHTA | Incorrect mapping entry/encounter/entry/act | 06 August 2013 |
| 36 | Example 7.17 [CDA-3962] | Example 7.17 Australian Childhood Immunisation Register Entries | Corrected OID | Corrected section OID in instance file and example from "101.16670" to "101.16658". | NEHTA | Incorrect OID | 02 August 2013 |
| 37 | Example 7.18 [CDA-3966] | Figure 7.18. Vaccine Administration (MEDICATION ACTION) XML Fragment | Corrected class name | Replaced the image in Figure 7.18 with the image from Figure 7.19. | NEHTA | incorrect class name | 06 August 2013 |
| 38 | Example 7.9 [CDA-3949] | Example 7.9. Medicare/DVA Funded Service Document Link (LINK) XML Fragment | Corrected mapping | Updated the instance file and example with the change in mapping of LINK from ...entry/encounter/entry/act/ to ...entry/encounter/reference/. | NEHTA | Incorrect mapping entry/encounter/entry/act | 06 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 39 | Example 8.12<br><br>[CDA-3948] | Example 8.12 Employment | Updated example | Fixed spacing and changed HPI-O from "1.2.36.1.2001.1003.0.8003621231167899" to "1.2.36.1.2001.1003.0.8003621566684455". | NEHTA | Update example | 02 August 2013 |
| 40 | Example 8.2<br><br>[CDA-3947] | Example 8.2 id | Changed HPI-O in example | HPI root changed from "1.2.36.1.2001.1003.0.8003621234567890" to "1.2.36.1.2001.1003.0.8003621566684455". | NEHTA | Change HPI-O in example | 02 August 2013 |

Changes from Version 1.1 (Revision 02) 06 August 2013 to Version 1.1 (Revision 03) 13 August 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 1 | Introduction | Made use of quotation marks consistent | All instances of non-code related quotation marks are now single quotation marks. | NEHTA | Adopt consistent use of quote marks | 09 August 2013 |
| 2 | 7.1.2 | MEDICARE/DVA FUNDED SERVICES HISTORY :: CDA R-MIM Representation | Corrected mapping statement | Corrected the mapping statement from "section is mapped to a CDA Section class" to "section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship". | NEHTA | Incorrect mapping statement | 09 August 2013 |
| 3 | 7.1.2.2 | MEDICARE/DVA FUNDED SERVICES :: CDA R-MIM Representation | Corrected mapping statement | Corrected mapping statement from "The Medicare/DVA Funded Services data group is mapped to an Encounter" to "The MEDICARE/DVA FUNDED SERVICES section is mapped to a CDA Section". | NEHTA | incorrect mapping statement | 09 August 2013 |
| 4 | 7.1.2.2.1 | MEDICARE/DVA FUNDED SERVICES :: CDA R-MIM Representation | Corrected mapping statement | Corrected mapping statement from "The MEDICARE/DVA FUNDED SERVICE section is mapped to a CDA Section" to "The MEDICARE/DVA FUNDED SERVICE data group is mapped to an Encounter". | NEHTA | Incorrect mapping statement | 09 August 2013 |
| 5 | 7.1.2.2.1.1 | SERVICE REQUESTER :: CDA R-MIM Representation | Corrected presentation of name | Corrected presentation of name from "Service Requester data group" to "SERVICE REQUESTER data group". | NEHTA | Incorrect presentation of name | 09 August 2013 |
| 6 | 7.1.2.2.1.1 | SERVICE REQUESTER :: CDA Mapping :: n/a | Corrected spelling | Corrected "publically" to "publicly". | NEHTA | Spelling | 09 August 2013 |
| 7 | 7.1.2.2.1.2 | SERVICE PROVIDER :: CDA Mapping :: n/a | Corrected spelling | Corrected "publically" to "publicly". | NEHTA | Spelling | 09 August 2013 |
| 8 | 7.1.2.2.1.3 | Medicare/DVA Funded Service Document Link (LINK) :: CDA Mapping :: Target Document | Corrected spelling | Corrected "tempalteId" to "templateId". | NEHTA | Spelling | 09 August 2013 |
| 9 | 7.1.3 | PHARMACEUTICAL BENEFITS HISTORY :: CDA R-MIM Representation | Corrected mapping statement | Corrected the mapping statement from "section is mapped to a CDA Section class" to "section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship". | NEHTA | Incorrect mapping statement | 09 August 2013 |
| 10 | 7.1.3.2.1 | PHARMACEUTICAL BENEFIT ITEM :: CDA R-MIM Representation | Corrected presentation of name | Corrected three instances of the presentation of the name from "Pharmaceutical Benefit Item" to "PHARMACEUTICAL BENEFIT ITEM". | NEHTA | Incorrect presentation of name | 09 August 2013 |
| 11 | 7.1.3.2.1 | PHARMACEUTICAL BENEFIT ITEM :: CDA Mapping :: Date of Prescribing | Corrected spelling | Corrected "classcode" to "classCode". | NEHTA | Spelling | 09 August 2013 |
| 12 | 7.1.3.2.1.1 | Pharmaceutical Benefit Item Document Link (LINK) :: CDA Mapping :: Target Document | Corrected spelling | Corrected "tempalteId" to "templateId". | NEHTA | Spelling | 09 August 2013 |
| 13 | 7.1.4.2.1.1.1<br><br>[CDA-4006] | Vaccine Administration (MEDICATION ACTION) :: CDA Mapping :: Vaccine Type (Therapeutic Good Identification) | Reduced Vocab | Removed from the Vocab column the standard list of 7 AMT Reference Sets that are generically applicable leaving only the single applicable reference set for this context. | NEHTA | Vocab not specific enough | 13 August 2013 |
| 14 | 7.1.4.2.1.2.1 | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping :: Medicare Antigen Code (Reason for Action) | Updated to match SCS | Data Component Definition updated to match SCS change. | NEHTA | Update to match SCS | 13 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 15 | 7.1.42.1.21 [CDA-3997] | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping :: Vaccine Dose Number (Sequence Number) | Updated to match SCS | Updated Vaccine Dose Number (Sequence Number) in Vaccine Cancellation to match the SCS "The dose number of the scheduled administration of the vaccine, which was cancelled." | NEHTA | Update to match SCS | 08 August 2013 |
| 16 | 7.1.42.1.21 [CDA-4006] | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping :: Medicare Antigen Code (Reason for Action) | Reduced Vocab | Removed from the Vocab column the standard list of 7 AMT Reference Sets that are generically applicable leaving only the single applicable reference set for this context. | NEHTA | Vocab not specific enough | 13 August 2013 |
| 17 | 7.1.42.1.21 [CDA-4006] | Vaccine Cancellation (MEDICATION ACTION) :: CDA Mapping :: Vaccine Type (Therapeutic Good Identification) | Reduced Vocab | Removed from the Vocab column the standard list of 7 AMT Reference Sets that are generically applicable leaving only the single applicable reference set for this context. | NEHTA | Vocab not specific enough | 13 August 2013 |
| 18 | 7.1.42.1.22 [CDA-3998] | VACCINE CANCELLATION REASON :: CDA Mapping :: Period (Vaccine Cancellation Reason Period) | Fixed Data Component Definition typo | Corrected "Typedata element" to "Type data element" in the Data Component Definition. | NEHTA | Data Component Definition typo | 08 August 2013 |
| 19 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping :: Target Document | Corrected spelling | Corrected "tempalteId" to "templateId". | NEHTA | Spelling | 09 August 2013 |
| 20 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping | Corrected spelling | Corrected "codesystem" to "codeSystem". | NEHTA | Spelling | 13 August 2013 |
| 21 | 7.1.4.2 [CDA-3995] | AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES :: CDA Mapping | Fixed Data Component Definition typo | Removed erroneous second full stop from the end of the Data Component Definition. | NEHTA | Data Component Definition typo | 08 August 2013 |
| 22 | 7.1.5 | AUSTRALIAN ORGAN DONOR REGISTER DECISION INFORMATION :: CDA R-MIM Representation | Corrected mapping statement | Corrected the mapping statement from "section is mapped to a CDA Section class" to "section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship". | NEHTA | Incorrect mapping statement | 09 August 2013 |
| 23 | 7.1.5.1 [CDA-3992] | EXCLUSION STATEMENT :: CDA Mapping | Completed to the code | Corrected the code from ".172.1.2" to "102.16134.172.1.1". | NEHTA | Incomplete code | 07 August 2013 |
| 24 | 7.1.5.1 [CDA-4008] | EXCLUSION STATEMENT :: Relationships | Corrected Occurrences | Corrected missing occurrence to "0..1". | NEHTA | Occurrences missing | 13 August 2013 |
| 25 | 7.1.5.2 | AUSTRALIAN ORGAN DONOR REGISTER DETAILS :: CDA R-MIM Representation | Corrected mapping statement | Corrected the mapping statement from "Australian Organ Donor Register Details section is composed of a Section class related to its context ClinicalDocument.structuredBody through a component relationship" to "AUSTRALIAN ORGAN DONOR REGISTER DETAILS section is mapped to a CDA Section class". | NEHTA | Incorrect mapping statement | 09 August 2013 |
| 26 | 7.1.5.2.1 | AUSTRALIAN ORGAN DONOR REGISTER ENTRY :: CDA R-MIM Representation | Corrected presentation of name | Corrected three instances of the presentation of the name from "Australian Organ Donor Register Entry" to "AUSTRALIAN ORGAN DONOR REGISTER ENTRY". | NEHTA | Incorrect presentation of name | 09 August 2013 |
| 27 | 7.1.5.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping :: Target Document | Corrected spelling | Corrected "tempalteId" to "templateId". | NEHTA | Spelling | 09 August 2013 |
| 28 | 7.1.5.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping | Corrected spelling | Corrected "codesystem" to "codeSystem". | NEHTA | Spelling | 13 August 2013 |
| 29 | Example 5.1 [CDA-3984] | Example 5.1. ClinicalDocument Body XML Fragment | Updated the templateId | Updated templateId from "1.0" to "1.1" in the instance and example. | NEHTA | Outdated templateId | 07 August 2013 |
| 30 | Example 7.16 [CDA-4005] | Example 7.16. EXCLUSION STATEMENT XML Fragment | Corrected spelling | Corrected "Entties" to "Entries" and added a space to the comment "End EXCLUSION STATEMENT - General Statement". | NEHTA | Spelling | 13 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 31 | Example 7.26<br><br>[CDA-3991] | Example 7.26. Australian Organ Donor Register Details Document Link (LINK) XML Fragment | Completed the displayName | Corrected displayName from "Link" to "Australian Childhood Immunisation Register Entries Document Link" in both the instance file and example. | NEHTA | Incomplete displayName | 07 August 2013 |
| 32 | Example 7.26<br><br>[CDA-3991] | Example 7.26. Australian Organ Donor Register Details Document Link (LINK) XML Fragment | Cleaned up XML Fragments | Fixed indenting, comments and spacing. | NEHTA | Clean up XML Fragments | 07 August 2013 |
| 33 | Figure 7.12 | Figure 7.12. PHARMACEUTICAL BENEFIT ITEMS | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 34 | Figure 7.13 | Figure 7.13. Pharmaceutical Benefit Item | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 35 | Figure 7.14 | Figure 7.14. Pharmaceutical Benefit Item Document Link (LINK) | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 36 | Figure 7.17 | Figure 7.17. AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER ENTRIES | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 37 | Figure 7.18 | Figure 7.18. Vaccine Administration (MEDICATION ACTION) | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 38 | Figure 7.19 | Figure 7.18. Vaccine Cancellation (MEDICATION ACTION) | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 39 | Figure 7.20 | Figure 7.20. VACCINE CANCELLATION REASON | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 40 | Figure 7.21 | Figure 7.21. Australian Childhood Immunisation Register Entries Document Link (LINK) | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 41 | Figure 7.24 | Figure 7.24. AUSTRALIAN ORGAN DONOR REGISTER DETAILS | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 42 | Figure 7.26 | Figure 7.26. Australian Organ Donor Register Details Document Link (LINK) | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 43 | Figure 7.5 | Figure 7.5. MEDICARE/DVA FUNDED SERVICES | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 44 | Figure 7.6 | Figure 7.6. MEDICARE/DVA FUNDED SERVICE | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |
| 45 | Figure 7.7 | Figure 7.7. SERVICE REQUESTER | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 09 August 2013 |
| 46 | Figure 7.8 | Figure 7.8. SERVICE PROVIDER | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 09 August 2013 |
| 47 | Figure 7.9 | Figure 7.9. Medicare/DVA Funded Service Document Link (LINK) | Updated to match CDA Mapping | Updated to match the CDA Mapping table. | NEHTA | Update to match CDA Mapping | 08 August 2013 |

Changes from Version 1.1 (Revision 03) 13 August 2013 to Version 1.1 (Revision 04) 20 August 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.3.2.1 [CDA-4028] | PHARMACEUTICAL BENEFIT ITEM :: CDA R-MIM Representation | Corrected mapping statement | Corrected "A component observation is used for Item Form and Strength while" to "Item Form and Strength is represented as an observation and ...". | NEHTA | Misleading mapping statement | 20 August 2013 |
| 2 | 7.1.42122 [CDA-3990] | VACCINE CANCELLATION REASON :: CDA Mapping | Replaced missing code mapping statements | Replaced the missing code mapping statements for VACCINE CANCELLATION REASON. | NEHTA | Missing mapping statement | 20 August 2013 |
| 3 | 7.1.42122 [CDA-4011] | VACCINE CANCELLATION REASON :: CDA Mapping :: Type (Vaccine Cancellation Reason Type) | Corrected mapping statement | Corrected "entryRelationship[reason_type]typeCode" to "entryRelationship[reason_type]/@typeCode". | NEHTA | Missing symbols in mapping statement | 20 August 2013 |
| 4 | Example 7.20 [CDA-4020] | Example 7.20. VACCINE CANCELLATION REASON XML Fragment | Corrected presentation of code and text block | Corrected the code line for the Vaccine Cancellation Reason Act and corrected presentation of the comment text block in both the instance file and the example fragment. | NEHTA | Correct code and presentation of text block | 20 August 2013 |
| 5 | Figure 6.1 [CDA-4014] | Figure 6.1. CDA Header Model for Medicare Overview Context | Corrected inconsistencies | The ClinicalDocument class is now a shadow class to avoid inconsistencies and "true" has been added to the entryRelationship. | NEHTA | Correct inconsistencies | 20 August 2013 |
| 6 | Figure 7.12 [CDA-4026] | Figure 7.12. PHARMACEUTICAL BENEFIT ITEMS | Added missing data type | Added data type to ContextConductionInd for the two component relationships. | NEHTA | Missing data type | 20 August 2013 |
| 7 | Figure 7.14 [CDA-4029] | Figure 7.14. Pharmaceutical Benefit Item Document Link (LINK) | Added missing data type | Added the data type for contextConductionInd for the two relationships, added the relationship statement to the entry relationship, and added the relationship statement to reference relationship. | NEHTA | Missing data type | 20 August 2013 |
| 8 | Figure 7.21 [CDA-4023] | Figure 7.21. Australian Childhood Immunisation Register Entries Document Link (LINK) | Added missing data type | Added missing data types for the component and entry relationships and corrected the code cardinality. | NEHTA | Missing data type | 20 August 2013 |
| 9 | Figure 7.26 [CDA-4023] | Figure 7.26. Australian Organ Donor Register Details Document Link (LINK) | Added missing data type | Added missing data types for the component and entry relationships and corrected the code cardinality. | NEHTA | Missing data type | 20 August 2013 |
| 10 | Figure 7.6 [CDA-4020] | Figure 7.6. MEDICARE/DVA FUNDED SERVICE | Added missing data types and cardinality | Added the missing data type and value for contextConductionInd for all relationships, added the data type and cardinality for inversionInd, and added the missing relationship statement for the entry relationship. | NEHTA | Missing data types and cardinality | 20 August 2013 |
| 11 | Figure 7.9 [CDA-4024] | Figure 7.9. Medicare/DVA Funded Service Document Link (LINK) | Added missing data type | Added the data type for contextConductionInd for the two relationships, added the relationship statement to the entry relationship, and added the relationship statement to reference relationship. | NEHTA | Missing data type | 20 August 2013 |

Changes from Version 1.1 (Revision 04) 20 August 2013 to Version 1.1 (Revision 05) 21 August 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 7.1.2.2.1 | MEDICARE/DVA FUNDED SERVICE :: CDA Mapping :: Service In Hospital Indicator | Corrected mapping statement | Corrected "observation@classCode="OBS"" to "observation/@classCode="OBS"" and corrected "observation@moodCode="EVN"" to "observation/@moodCode="EVN"". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 2 | 7.1.2.2.1.3 | Medicare/DVA Funded Service Document Link (LINK) :: CDA Mapping :: Document (Link Target) | Corrected mapping statement | Corrected "externalAct/code@codeSystemName" to "externalAct/code/@codeSystemName" and corrected "externalAct/code@displayName" to "externalAct/code/@displayName". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 3 | 7.1.3.2.1.1 | Pharmaceutical Benefit Item Document Link (LINK) :: CDA Mapping :: Document (Link Target) | Corrected mapping statement | Corrected "externalAct/code@codeSystemName" to "externalAct/code/@codeSystemName" and corrected "externalAct/code@displayName" to "externalAct/code/@displayName". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 4 | 7.1.4.2.1.2.2 | VACCINE CANCELLATION REASON :: CDA Mapping | Corrected quotation marks | Corrected act/code/code="102.16748"" to act/code/code="102.16748". | NEHTA | Incorrect quotation marks | 21 August 2013 |
| 5 | 7.1.4.2.1.2.2 | VACCINE CANCELLATION REASON :: CDA Mapping :: Type (Vaccine Cancellation Reason Type) | Corrected mapping statement | Corrected "act@classCode="INFRM"" to "act/@classCode="INFRM"" and corrected "act@moodCode="EVN"" to "act/@moodCode="EVN"". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 6 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping | Corrected mapping statement | Corrected "act@classCode="ACT"" to "act/@classCode="ACT"" and corrected "act@moodCode="EVN"" to "act/@moodCode="EVN"". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 7 | 7.1.4.2.2 | Australian Childhood Immunisation Register Entries Document Link (LINK) :: CDA Mapping | Corrected mapping statement | Corrected "externalAct/code@codeSystemName" to "externalAct/code/@codeSystemName" and corrected "externalAct/code@displayName" to "externalAct/code/@displayName". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 8 | 7.1.5.1 [CDA-3992] | EXCLUSION STATEMENT :: CDA Mapping | Completed to the code | Corrected the code from ".172.1.2" to "102.16134.172.1.2". | NEHTA | Incomplete code | 21 August 2013 |
| 9 | 7.1.5.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping | Corrected mapping statement | Corrected "act@classCode="ACT"" to "act/@classCode="ACT"" and corrected "act@moodCode="EVN"" to "act/@moodCode="EVN"". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 10 | 7.1.5.2.2 | Australian Organ Donor Register Details Document Link (LINK) :: CDA Mapping | Corrected mapping statement | Corrected "externalAct/code@codeSystemName" to "externalAct/code/@codeSystemName" and corrected "externalAct/code@displayName" to "externalAct/code/@displayName". | NEHTA | Missing symbols in mapping statement | 21 August 2013 |
| 11 | Example 8.1 | Example 8.1. code | Corrected quotation marks | Corrected all instances of single quotation marks to double quotation marks. | NEHTA | Incorrect quotation marks | 21 August 2013 |

Changes from Version 1.1 (Revision 05) 21 August 2013 to Version 1.1 (Revision 06) 21 August 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | Document | Document | Promoted to 'Candidate' | The document has been promoted from 'Draft' to 'Candidate' | NEHTA | Promote to 'Candidate' | 21 August 2013 |

Changes from Version 1.1 (Revision 06) 27 August 2013 to Version 1.1 (Revision 07) 28 August 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | 1.4 | Intended Audience | Promoted to 'Approved Candidate' | Shortened "AS 4700.6 (2007) – Implementation of Health Level 7 (HL7) Version 2.5 – Part 6: Referral, discharge and health record messaging [SA2007a]" to "Standards Australia IT-014 documents". | NEHTA | Promote to 'Candidate' | 28 August 2013 |
| 2 | 7.1.2.2.1.3 [CDA-4032] | Medicare/DVA Funded Service Document Link (LINK) :: CDA RMIM Representation | Updated mapping sentence | Replaced sentence describing the mapping with "Each Medicare/DVA Funded Service Document Link (LINK) data group is modelled as an externalDocument which is related to its clinicalStatement by a reference." | NEHTA | Incorrect mapping sentence | 27 August 2013 |
| 3 | 7.1.3.2.1.1 [CDA-4033] | Pharmaceutical Benefit Item Document Link (LINK) :: CDA RMIM Representation | Updated mapping sentence | Replaced sentence describing the mapping with "Each Pharmaceutical Benefit Item Document Link (LINK) data group is modelled as an externalDocument which is related to its clinicalStatement by a reference." | NEHTA | Incorrect mapping sentence | 27 August 2013 |
| 4 | Document | Document | Promoted to 'Approved Candidate' | The document has been promoted from 'Candidate' to 'Approved Candidate' | NEHTA | Promote to 'Candidate' | 28 August 2013 |

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 5 | Figure 7.9<br><br>[CDA-4034] | Figure 7.9. Medicare/DVA Funded Service Document Link (LINK) | Removed act from diagram | Removed the Act from the ClinicalStatement in Figure 7.9. | NEHTA | Erroneous act in diagram | 27 August 2013 |

Changes from Version 1.1 (Revision 07) 28 August 2013 to Version 1.1 (Revision 08) 27 September 2013

| ID | Document Ref | | Change Type | Change Detail | Changed Instigated By | Rationale For Change | Date Changed |
|---|---|---|---|---|---|---|---|
| | Section | Section Name | | | | | |
| 1 | Document | Document | Promoted to 'Final' | The document has been promoted from 'Candidate' to 'Final' | NEHTA | Promote to 'Final' | 27 September 2013 |

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[HL7CDAR2] Health Level Seven, Inc., January 2010, *HL7 Clinical Document Architecture*, Release 2, accessed 28 August 2013.
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