



**National Clinical Terminology and Information  
Service**

**Reference Set Library v20141130**

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# 1 Introduction

## 1.1 Purpose of this document

This document is a register of the clinical reference sets developed for use by the National Clinical Terminology and Information Service (NCTIS) community of practice. All of the reference sets included in this document are current production versions.

## 1.2 Presentation of information

In this reference set library, all reference sets released by the NCTIS are described, each in a tabular format, with the exception of the structural reference sets.<sup>1</sup> This format allows readers to easily determine if a reference set exists, which terminology it is from and whether it meets their needs.

## 1.3 Intended audience

This document has been written for those in the Australian Medicines Terminology (AMT) and SNOMED CT-AU<sup>2</sup> communities of practice who have a solid understanding of SNOMED Clinical Terms (SNOMED CT) and the AMT, as well as their associated concept models, scope and underlying description logic.

## 1.4 Related documents

The documents tabulated below provide the context for development of the reference sets described in this document, and should be read in conjunction with this document to enhance understanding of our approach to terminology development. The location of each document within the NEHTA site<sup>3</sup> is provided as well.

Table 1: Related documents

Name	Location
AMT v3 Development Approach for Reference Sets [1]	<a href="http://www.nehta.gov.au/implementation-resources/ehealth-foundations/australian-medicines-terminology-common">http://www.nehta.gov.au/implementation-resources/ehealth-foundations/australian-medicines-terminology-common</a>
SNOMED CT-AU Development approach for reference sets [2]	<a href="http://www.nehta.gov.au/implementation-resources/ehealth-foundations/snomed-ct-au-common">http://www.nehta.gov.au/implementation-resources/ehealth-foundations/snomed-ct-au-common</a>
SNOMED CT-AU Australian Implementation Guidance [3]	<a href="http://www.nehta.gov.au/implementation-resources/ehealth-foundations/snomed-ct-au-common">http://www.nehta.gov.au/implementation-resources/ehealth-foundations/snomed-ct-au-common</a>

Note: Information on the change history of reference sets is detailed in the two *Development approach for reference sets* documents.

<sup>1</sup> Structural reference sets are described in the *SNOMED CT Technical Implementation Guide* [15], Chapter 5.6 "Release Format 2 - Reference Sets Guide".

<sup>2</sup> This material includes SNOMED Clinical Terms® (SNOMED CT®) which is used by permission of the International Health Terminology Standards Development Organisation (IHTSDO®). All rights reserved. SNOMED CT was originally created by The College of American Pathologists. IHTSDO®, SNOMED® and SNOMED CT® are registered trademarks of the IHTSDO.

<sup>3</sup> <http://www.nehta.gov.au/our-work/clinical-terminology>.

## 1.5 Acronyms

The following acronyms are used in this document.

Acronym	Description
AMT	Australian Medicines Terminology
DCM	Detailed Clinical Model
IHTSDO	International Health Terminology Standards Development Organisation
NCTIS	National Clinical Terminology and Information Service
SDT	Structured Document Template
SNOMED CT-AU	SNOMED CT, Australian release

## 1.6 Filename conventions

The filenames used to identify NCTIS reference sets adhere to the following convention:

```
der2_<Descriptor>_<RefsetName>  
<ReleaseType>_AU<Namespace>_<DateOrVersion>.txt
```

where the placeholders (represented in angled brackets) have the meanings tabulated below.

*Table 2: Filename key*

Item	Description
Descriptor	Refers to the type of reference set released. For example, "Refset" pertains to Simple type reference sets and "cRefset" pertains to Attribute value reference sets.
RefsetName	Refers to the reference set name.
ReleaseType	Refers to the type of release it was released under. For example Full, Snapshot or Delta.
Namespace	Refers to the namespace of the organisation that creates and maintains the file.
DateOrVersion	Refers to the date of release.

To illustrate, a valid example of this convention is:

```
der2_Refset_BodyStructureFoundationSnapshot_AU1000036_20130531.txt
```

**Note:** Throughout this document, by default, all SCTIDs used are concept IDs and all descriptions used are Australian preferred terms unless specified otherwise.

## 2 Adverse reaction agent reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Adverse reaction agent reference set</i> provides terminology to support the accurate recording of the most common agents that may be responsible for causing adverse reactions.</p> <p>It is intended that this reference set be used in association with the <i>Clinical manifestation reference set</i>, which provides values describing the clinical manifestation of adverse events.</p>
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations of the <i>Adverse Reaction DCM</i> [4].</li> <li>• Within implementations where use-case specific reference sets for Adverse reaction agents are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for Adverse reaction agents through a process of constraint, or expanding upon.</li> <li>• Alongside other reference sets, such as any of the AMT Medicinal or Trade product reference sets to supplement the recording of non-medicinal agents.</li> </ul>
<b>Target client</b>	This reference set can be used where developers are implementing NEHTA clinical information models containing the <i>Substance/Agent</i> data element or the <i>Adverse Reaction DCM</i> .
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	The <i>Adverse reaction agent reference set</i> is bound to the <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 256350002  <i>Almond</i> </li> <li>• 387494007  <i>Codeine</i> </li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations and the current <i>Substance</i> hierarchy re-design project being undertaken at the international level.
<b>File name and version</b>	der2_Refset_AdverseReactionAgentReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20131130
<b>Initial no. of members</b>	1113
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



### 3 Adverse reaction type reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Adverse reaction type reference set</i> provides terminology to support the recording of the type of adverse reaction experienced as determined by the clinician.
<b>Scope</b>	This reference set can be used within implementations of the <i>Adverse Reaction DCM</i> [4].
<b>Target client</b>	This reference set is developed for those who are implementing the <i>Adverse Reaction DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Adverse reaction type reference set</i> is bound to the <i>Reaction Type</i> data element within the <i>Adverse Reaction DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 12263007  <i>Hypersensitivity reaction type I</i> </li> <li>• 419076005  <i>Allergic reaction</i> </li> <li>• 609406000  <i>Pseudoallergic reaction</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_AdverseReactionTypeReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20120531
<b>Initial no. of members</b>	15
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 4 Anatomical location name reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Anatomical location name reference set</i> provides terminology to support the recording of anatomical locations. It is void of information that represents body structures with laterality and it represents a subset of the <i>Anatomical site reference set</i> .
<b>Scope</b>	This reference set can be used within implementations of the DCMs that contain the <i>Name of Location</i> data element.  The reference set also supports a wide variety of uses that require human anatomical sites to be described.
<b>Target client</b>	This reference set is developed for those implementing the NEHTA-developed DCMs.
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Anatomical location name reference set</i> is bound to the <i>Name of Location</i> data element within: <ul style="list-style-type: none"> <li>• <i>Adverse Reaction DCM</i> [4];</li> <li>• <i>Pathology Test Result DCM</i> [5];</li> <li>• <i>Imaging Examination Result DCM</i> [6];</li> <li>• <i>Procedure DCM</i> [7]; and</li> <li>• <i>Problem/Diagnosis DCM</i> [8].</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 48467007  Aortic tunica media </li> <li>• 245524004  Entire lobe of lung </li> <li>• 87342007  Bone structure of fibula </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_AnatomicalLocationNameReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20130531
<b>Initial no. of members</b>	23337
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 5 Anatomical site reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Anatomical site reference set</i> provides terminology to describe human anatomical sites.
<b>Scope</b>	This reference set can be used within implementations of the <i>Pathology Result Report SDT</i> [9].  The reference set also supports a wide variety of uses that require human anatomical sites to be described.
<b>Target client</b>	This reference set is developed for those implementing the <i>Pathology Result Report SDT</i> .
<b>Other clients</b>	This reference set may be useful to any implementer requiring anatomical sites to be described.
<b>Definitive bindings</b>	This reference set is bound to the <i>Specimen Anatomical Site</i> data element (DE-11010) which is under the <i>Specimen Detail</i> data group (DG-11005) within the <i>Pathology Result Report SDT</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 362209008  Entire left kidney </li> <li>• 8966001  Left eye structure </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_AnatomicalSiteReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	24983
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 6 Body structure foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Body structure foundation reference set</i> provides the broadest possible terminology to support the recording of anatomical structures in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for body structure are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for body structure, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of the body structure content.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 91134007 <i>/Mitral valve structure/</i></li> <li>• 18639004 <i>/Left kidney structure/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_BodyStructureFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	30,445
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 7 Cardiovascular finding reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Cardiovascular finding reference set</i> is a broad context reference set that provides the broadest possible terminology to support the recording of cardiovascular findings in Australian e-health implementations. This reference set has been developed from the <i>Clinical finding foundation reference set</i> .
<b>Scope</b>	This reference set can be used: <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for cardiovascular findings are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for cardiovascular findings through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to cardiovascular findings.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, Cardiology.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 1939005  Abnormal vascular flow </li> <li>• 70908000  Decreased blood volume </li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_CardiovascularFindingReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	5,599
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 8 Change status reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Change status reference set</i> is developed to provide terminology to indicate whether a change has been made to a medication or if a recommendation for change has been made.
<b>Scope</b>	This reference set can be used within implementations of the <i>Medication Instruction and Action DCM</i> [10].
<b>Target client</b>	This reference set is developed for those implementing the <i>Medication Instruction and Action DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Change status reference set</i> is bound to the <i>Change Status</i> data element within the <i>Medication Instruction and Action DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 703466009  <i>Change recommended</i> </li> <li>• 703465008  <i>Change made</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ChangeStatusReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20141130
<b>Initial no. of members</b>	2
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 9 Change type reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Change type reference set</i> is developed to provide terminology to support the recording of the way in which the current medication instruction differs from the previous one.
<b>Scope</b>	This reference set can be used within implementations of the <i>Medication Instruction and Action DCM</i> [10].
<b>Target client</b>	This reference set is developed for those implementing the <i>Medication Instruction and Action DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Change type reference set</i> is bound to the <i>Change Type</i> data element within the <i>Medication Instruction and Action DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 385655000 <i>/Suspended/</i></li> <li>• 385656004 <i>/Ceased/</i></li> <li>• 89925002 <i>/Cancelled/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ChangeTypeReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20120531
<b>Initial no. of members</b>	4
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# 10 Clinical finding foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Clinical finding foundation reference set</i> provides the broadest possible terminology to support the recording of clinical findings and disorders in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for clinical findings and disorders are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for clinical findings and disorders, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content related to clinical finding and disorders.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 56717001 /<i>Tuberculosis</i>/</li> <li>• 48348007 /<i>Normal breath sounds</i>/</li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ClinicalFindingFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	95,543
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



# 11 Clinical finding grouper exclusion reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Clinical finding grouper exclusion reference set</i> is designed to exclude <i>Clinical finding</i> concepts that are not considered suitable for recording the findings, symptoms and disorders within a patient record.
<b>Scope</b>	The <i>Clinical finding grouper exclusion reference set</i> can be used in implementations as a means to further constrain any reference set built using the <i>Clinical finding</i> hierarchy. It functions to exclude clinically non-specific concepts that can be distracting to the end-user, and has been built using the <i>Clinical findings foundation reference set</i> .
<b>Target client</b>	Australian e-health clinical information systems.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 69449002  <i>Drug action (finding)</i> </li> <li>• 118240005  <i>Finding by method (finding)</i> </li> </ul>
<b>Plan for future work</b>	This reference set will be subject to further refinement if feedback is received from implementations about the presence of non-grouper concepts or the absence of known groupers, and further analysis by the NCTIS.
<b>File name and version</b>	der2_cRefset_ClinicalFindingGrouperExclusionReferenceSetReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20140531
<b>Initial no. of members</b>	4011
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 12 Clinical manifestation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Clinical manifestation reference set</i> was developed collaboratively with a number of different health jurisdictions as a part of the SNOMED CT-AU Adverse Reactions Reference Sets Project.</p> <p>It is intended that this reference set be used in association with the <i>Adverse reaction agent reference set</i>, which provides values describing the common agents that may be responsible for causing adverse reactions.</p>
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations of the <i>Adverse Reaction DCM</i> [4].</li> <li>• Within implementations where use-case specific reference sets for clinical manifestations are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for clinical manifestations through a process of constraint, or expanding upon.</li> </ul>
<b>Target client</b>	This reference set can be used where developers are implementing NEHTA clinical information models containing the <i>Manifestation</i> data element or the <i>Adverse Reaction DCM</i> .
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is bound to the <i>Manifestation</i> data element (DE-15564) within the <i>Adverse Reaction DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 267038008  <i>Oedema</i> </li> <li>• 62315008  <i>Diarrhoea</i> </li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_ClinicalManifestationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20131130
<b>Initial no. of members</b>	746
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 13 Collection procedure reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Collection procedure reference set</i> provides terminology to support the recording of the method of collection to be used.</p> <p>It is to be used to provide values for collection procedures specifically used for the collection of pathology specimens.</p>
<b>Scope</b>	This reference set can be used within implementations of the <i>Pathology Test Result DCM</i> [5].
<b>Target client</b>	This reference set is developed for those implementing the <i>Pathology Test Result DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Collection procedure reference set</i> is bound to the <i>Collection Procedure</i> data element within the <i>Pathology Test Result DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 439336003  Brush biopsy </li> <li>• 9911007  Core needle biopsy </li> <li>• 2475000  Urine specimen collection, 24 hours </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_CollectionProcedureReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20120531
<b>Initial no. of members</b>	120
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# 14 Containered trade product pack reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Containered trade product pack reference set</i> provides terminology to describe the packaged product (medication) that is supplied for direct patient use including details of the container type to be recorded in a health record.
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is bound to the following data elements within specific DCMs: <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 18830011000036103  <i>Alphamox 250 mg capsule: hard, 20 capsules, blister pack</i> </li> <li>• 20675011000036100  <i>Diaformin-1000 1 g tablet: film-coated, 90 tablets, bottle</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_ContaineredTradeProductPackReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	13,176
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# 15 CORE problem list subset of SNOMED CT

<b>Terminology</b>	SNOMED CT
<b>Reference set developer</b>	United Medical Language System® (UMLS®)
<b>Description</b>	<p>The <i>CORE problem list subset of SNOMED CT</i> (reference set) was developed by the UMLS CORE (Clinical Observations Recording and Encoding) Project based on source information from seven institutions to support documentation and encoding of clinical information at a summary level such as for problems lists, discharge diagnosis or reason of encounter.</p> <p>This reference set is designed to identify frequently used SNOMED CT concepts to assist the implementation of SNOMED CT in clinical systems. This reference set contains this list, as well as actual frequency of usage in clinical databases.</p> <p>Australian users are encouraged to assess its applicability for local implementations prior to use.</p> <p>Information on this reference set is provided to the SNOMED CT-AU community to ensure that international resources which may be applicable for use in Australia are available.</p>
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for terminology for summary level documentation are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for terminology.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT user community can be tested.</li> </ul>
<b>Target client</b>	E-health clinical information systems.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 95570007  <i>Kidney stone</i> </li> <li>• 12441001  <i>Epistaxis</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	SNOMEDCT_CORE_SUBSET_YYYYMM.txt
<b>Link to access reference set</b>	<a href="http://www.nlm.nih.gov/research/umls/Snomed/core_subset.html">http://www.nlm.nih.gov/research/umls/Snomed/core_subset.html</a>
<b>Date of initial release</b>	20090731
<b>Initial no. of members</b>	6,179
<b>Contact</b>	Direct contact details for UMLS on website link or contact: <a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 16 Dose unit reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Dose unit reference set</i> provides terminology for the <i>Dose Unit</i> data element within the <i>Medication Instruction and Action DCM</i> [10] and the <i>Adverse Reaction DCM</i> [4].
<b>Scope</b>	This reference set can be used within implementations of the <i>Medication Instruction and Action DCM</i> and the <i>Adverse Reaction DCM</i> .
<b>Target client</b>	This reference set has been developed for those who are implementing the <i>Medication Instruction and Action DCM</i> and the <i>Adverse Reaction DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Dose Unit</i> data element in the <i>Amount of Medication</i> cluster within both the <i>Medication Instruction and Action DCM</i> and the <i>Adverse Reaction DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 258684004 /mg/</li> <li>• 429587008 /Lozenge - unit of product usage/</li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback.
<b>File name and version</b>	der2_Refset_DoseUnitReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	59
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# 17 Emergency department reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Emergency department reference set</i> is a superset of the Emergency department reference set (EDRS) suite and provides terminology to support the recording of presenting problems and diagnoses within Emergency department settings within Australia. It contains all of the members of the EDRS suite.</p> <p>The EDRS suite is comprised of the following reference sets:</p> <ul style="list-style-type: none"> <li>• <i>Emergency department diagnosis in presenting problem reference set</i></li> <li>• <i>Emergency department diagnosis reference set</i></li> <li>• <i>Emergency department findings in presenting problem reference set</i></li> <li>• <i>Emergency department reason for presenting reference set</i>.</li> </ul> <p>This superset of the EDRS suite has been developed to assist implementations in providing a wide range of clinically relevant terms that are required for the capture of presenting problem and diagnosis information.</p> <p>Feedback has shown that the partitions between the reference sets in the EDRS suite are not well suited to clinical use. The definition of the combined superset may be more applicable for use at the clinical level while the partitioned suite remains linked to reporting.</p>
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of information between clinicians involved in a patient's care relating to that patient's presenting problem at the point of triage and diagnosis at the point of discharge from an Emergency department.
<b>Target client</b>	Australian Emergency department clinical information implementations.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is suitable for use in the <a href="#">Emergency department stay—principal diagnosis, code X[X(8)]</a> , <a href="#">Emergency department stay—additional diagnosis, code X[X(8)]</a> , and <i>Presenting Problems</i> data elements in Emergency department information systems.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 410429000   <i>Cardiac arrest</i> </li> <li>• 359820003   <i>Closed fracture of neck of femur</i> </li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_EmergencyDepartmentReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20140531
<b>Initial no. of members</b>	6815
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# 18 Emergency department diagnosis in presenting problem reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Emergency department diagnosis in presenting problem reference set</i> provides terminology to support the recording of presenting problems within Emergency department settings within Australia. It should be used in conjunction with the <i>Emergency department findings in presenting problem reference set</i> and the <i>Emergency department reason for presenting reference set</i> .
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of information between clinicians relating to a patient's presenting problem at the point of triage in an Emergency department.
<b>Target client</b>	Australian Emergency department clinical information implementations
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is suitable for use in the <i>Presenting Problems</i> data element in Emergency department information systems.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 410429000 <i>/Cardiac arrest/</i></li> <li>• 283359004 <i>/Laceration of forehead/</i></li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_EmergencyDepartmentDiagnosisInPresentingProblemReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100731 (Out of cycle release for early adopters of EDRS.)
<b>Initial no. of members</b>	232
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



# 19 Emergency department diagnosis reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Emergency department diagnosis reference set</i> provides terminology to support the recording of diagnosis in Emergency department settings within Australia.
<b>Scope</b>	This reference set supports the accurate and unambiguous recording of information relating to a patient diagnosis at the point of discharge from an Emergency department. This may be used to support the communication of information to other clinicians involved in that patient's care.
<b>Target client</b>	Australian Emergency department clinical information implementations.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is suitable for use in the <a href="#">Emergency department stay—principal diagnosis, code X[X(8)]</a> and the <a href="#">Emergency department stay—additional diagnosis, code X[X(8)]</a> data elements in Emergency department information systems.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>111286002  Acute bacterial endocarditis </li> <li>359820003  Closed fracture of neck of femur </li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_EmergencyDepartmentDiagnosisReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100731 (Out of cycle release for early adopters of EDRS.)
<b>Approximate no. of members</b>	6766 (Release 20140531)
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

Note: The approximate number of members is cited here instead of the initial number of members because this reference set has been significantly expanded since its initial release.

## 20 Emergency department findings in presenting problem reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Emergency department presenting problem reference set</i> provides terminology to support the recording of presenting problems within Emergency department settings within Australia. It should be used in conjunction with the <i>Emergency department diagnosis in presenting problem reference set</i> and the <i>Emergency department reason for presenting reference set</i> .
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of information between clinicians relating to a patient's presenting problem at the point of triage in an Emergency department.
<b>Target client</b>	Australian Emergency department clinical information implementations.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is suitable for use in the <i>Presenting Problems</i> data element in Emergency department information systems.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 30989003 /<i>Knee pain</i>/</li> <li>• 309774006 /<i>Weakness of limb</i>/</li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_EmergencyDepartmentFindingsInPresentingProblemReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100731 (Out of cycle release for early adopters of EDRS.)
<b>Initial no. of members</b>	217
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 21 Emergency department reason for presenting reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Emergency department reason for presenting reference set</i> provides terminology to support the recording of presenting problem within Emergency department settings within Australia. It should be used in conjunction with the <i>Emergency department diagnosis in presenting problem reference set</i> and the <i>Emergency department findings in presenting problem reference set</i> .
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of information between clinicians relating to a patient's presenting problem at the point of triage in an Emergency department.
<b>Target client</b>	Australian Emergency department clinical information implementations
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is suitable for use in the <i>Presenting Problems</i> data element in Emergency department information systems.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 18949003 <i>/Change of dressing/</i></li> <li>• 116859006 <i>/Transfusion of a blood product/</i></li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_EmergencyDepartmentReasonForPresentingReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100731 (Out of cycle release for early adopters of EDRS.)
<b>Initial no. of members</b>	71
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 22 Environment or geographical location foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Environment or geographical location foundation reference set</i> provides the broadest possible terminology to support the recording of information about types of environments or named locations such as countries, states and regions in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for types of environments or geographical locations are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for types of environments or geographical locations, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to types of environment or geographical locations.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 309904001 <i>/Intensive care unit/</i></li> <li>• 419590001 <i>/Stepdown unit/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_EnvironmentOrGeographicalLocationFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	1,711
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 23 Event foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Event foundation reference set</i> provides the broadest possible terminology to support the recording of information related to occurrences (excluding procedures and interventions) in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for events are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for events, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community can be tested, to assure that they are logical constraints of content relating to events.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 8766005  <i>Earthquake</i> </li> <li>• 242292001  <i>Accidental exposure to corrosive or caustic chemical</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_EventFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	3,645
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 24 Exclusion statement reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Exclusion statement reference set</i> provides terminology to record global statements about the absence or exclusion of information from within a patient record.
<b>Scope</b>	This reference set can be used within implementations of various DCMs containing the <i>Global Statement</i> data element.
<b>Target client</b>	This reference set is developed for those implementing the NEHTA-developed DCMs.
<b>Other clients</b>	
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Global Statement</i> data element within:</p> <ul style="list-style-type: none"> <li>the <i>Adverse Reaction DCM</i> [4];</li> <li>the <i>Medication Instruction and Action DCM</i> [10];</li> <li>the <i>Procedure DCM</i> [7]; and</li> <li>the <i>Problem/Diagnosis DCM</i> [8].</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>61000036101 <i>/Not asked/</i></li> <li>81000036106 <i>/None known/</i></li> <li>91000036108 <i>/None supplied/</i></li> </ul>
<b>Plan for future work</b>	In the above-mentioned DCMs, the value domains specified have some additional values not currently included in this reference set. A review of these additional values is planned.
<b>File name and version</b>	der2_Refset_ExclusionStatementReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20120531
<b>Initial no. of members</b>	3
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 25 Fracture finding reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Fracture finding reference set</i> is a broad context reference set that supports the recording of fracture findings in Australian e-health implementations. This reference set has been derived from the <i>Clinical finding foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for fracture findings are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for fracture findings, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to fracture findings.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, Orthopaedics and Radiology.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 25415003  <i>Closed fracture of femur</i> </li> <li>• 207782002  <i>Open fracture of maxilla</i> </li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_FractureFindingReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	1,677
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 26 Imaging procedure reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Imaging procedure reference set</i> is a broad context reference set that supports the recording of imaging procedures in Australian e-health implementations. This reference set has been derived from the <i>Procedure foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for imaging procedures are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for imaging procedures, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to imaging procedures.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, Radiology.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 77477000 <i>/Computerised axial tomography/</i></li> <li>• 113109007 <i>/Magnetic resonance imaging of lower extremity/</i></li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_ImagingProcedureReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	4,171
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



## 27 Laterality reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Laterality reference set</i> provides terminology to support recording of the side of the body in relation to anatomical structures.
<b>Scope</b>	This reference set can be used within implementations of the DCMs that contain the <i>Side</i> data element.
<b>Target client</b>	This reference set is developed for those implementing the NEHTA-developed DCMs.
<b>Other clients</b>	
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Side</i> data element in the <i>Specific Location</i> data group within the following DCMs:</p> <ul style="list-style-type: none"> <li>• <i>Adverse Reaction DCM</i> [4];</li> <li>• <i>Pathology Test Result DCM</i> [5];</li> <li>• <i>Imaging Examination Result DCM</i> [6];</li> <li>• <i>Procedure DCM</i> [7]; and</li> <li>• <i>Problem/Diagnosis DCM</i> [8].</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 24028007  Right </li> <li>• 419161000  Unilateral left </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_LateralityReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	5
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 28 Medication form reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Medication form reference set</i> provides terminology to support the recording of the form of a medicine or therapeutic good.
<b>Scope</b>	This reference set can be used within implementations of the <i>Medication Instruction and Action DCM</i> [10].
<b>Target client</b>	This reference set has been developed for those who are implementing the <i>Medication Instruction and Action DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Form</i> data element in the <i>Chemical Description of Medication</i> cluster within the <i>Medication Instruction and Action DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 385267006 <i>/Impregnated pad/</i></li> <li>• 385049006 <i>/Capsule/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_RefsetMedicationFormReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	402
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 29 Medicinal product reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Medicinal product reference set</i> provides terminology to describe in the health record the abstract representation of an active ingredient or substance (devoid of strength and form).</p> <p>The <i>Medicinal product reference set</i> supports “generic prescribing” in a healthcare setting.</p>
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	<p>This reference set is bound to the following data elements within specific DCMs:</p> <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 21823011000036103 <i>/adrenaline/</i></li> <li>• 44940011000036106 <i>/meropenem/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_MedicinalProductReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	1,661
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 30 Medicinal product pack reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Medicinal product pack reference set</i> provides terminology to describe in a health record an abstract concept representing the properties of one or more quantitatively and clinically equivalent Trade Product Packs (TPPs).
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is bound to the following data elements within specific DCMs: <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 46470011000036101  <i>aciclovir 5% (50 mg/g) cream, 10 g</i> </li> <li>• 63748011000036109  <i>pseudoephedrine hydrochloride 120 mg tablet, 10</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_MedicinalProductPackReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	7,755
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 31 Medicinal product unit of use reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Medicinal product unit of use reference set</i> provides terminology to describe in a health record an abstract concept representing the properties of one or more equivalent Trade Product Units of Use (TPUUs).
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is bound to the following data elements within specific DCMs: <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 23550011000036101  <i>amoxycillin 250 mg capsule</i> </li> <li>• 23529011000036106  <i>iloprost 20 microgram/2 ml inhalation, ampoule</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_MedicinalProductUnitOfUseReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	4,237
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 32 Mental health disorder reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Mental health disorder reference set</i> is a broad context reference set that supports the recording of mental health disorders and diagnoses in Australian e-health implementations. This reference set has been derived from the <i>Clinical finding foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for mental health disorders are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for mental health disorders, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to mental health disorders.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, mental health settings.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 441704009 /<i>Affective psychosis</i>/</li> <li>• 58703003 /<i>Postpartum depression</i>/</li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_MentalHealthDisorderReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	1,219
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 33 Microorganism reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Microorganism reference set</i> is a broad context reference set that supports the recording of microorganisms in Australian e-health settings. This reference set has been derived from the <i>Organism foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for microorganisms are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for microorganisms, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content relating to microorganisms.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, within Pathology or Infectious disease groups.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 409808003  <i>Drug resistant Streptococcus pneumoniae</i> </li> <li>• 114061003  <i>Microbacterium flavescens</i> </li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_MicroorganismReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	16,329
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 34 Musculoskeletal finding reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Musculoskeletal finding reference set</i> is a broad context reference set that supports the recording of musculoskeletal findings in Australian e-health implementations. This reference set has been derived from the <i>Clinical finding foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for substances are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for substances, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to substances.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, within Rheumatology groups.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 111245009 <i>/Compartment syndrome/</i></li> <li>• 427683007 <i>/Adhesion of tendon of hand/</i></li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_MusculoskeletalFindingReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	10,571
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



## 35 Neoplasm and/or hamartoma reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Neoplasm and/or hamartoma reference set</i> is a broad context reference set that supports the recording of neoplasm and/or hamartoma findings in Australian e-health settings. This reference set has been derived from the <i>Clinical finding foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for neoplasm and/or hamartomas are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for neoplasm and/or hamartomas, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to neoplasms and/or hamartomas.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, within Oncology groups.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 403966009  <i>Arteriovenous haemangioma</i> </li> <li>• 314990009  <i>Metastasis from malignant tumour of bone</i> </li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_NeoplasmAndOrHamartomaReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	6,629
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 36 Observable entity foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Observable entity foundation reference set</i> provides the broadest possible terminology to support the recording of observable entities in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for observable entities are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for observable entities, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of the content for observable entities.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 390896004 /<i>Target cholesterol level</i>/</li> <li>• 405153007 /<i>Personal wellbeing status</i>/</li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ObservableEntityFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	7,988
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 37 Organism foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Organism foundation reference set</i> provides the broadest possible terminology to support the recording of organisms in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for organisms are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for organisms, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to organisms.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 58984003 <i>/Anthropozoophilic fungus/</i></li> <li>• 80166006 <i>/Streptococcus pyogenes/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_OrganismFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	31,948
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 38 Out of range indicator reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Out of range indicator reference set</i> provides suitable concepts for describing whether the value for a particular pathology observation is within or outside of its reference range. If the result is outside the reference range, this indicator may also describe the direction in which the result falls outside the range (i.e. lower or higher).</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Test Result DCM</i> [5] and the <i>Pathology Result Report SDT</i> [9].</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Result Value Normal Status</i> data element within the <i>Pathology Test Result DCM</i>.</p> <p>This reference set is also bound to the <i>Out of Range Indicator</i> data element (DE-11028) which is under the <i>Structured Result Entry</i> data group (DG-11008) within the <i>Pathology Result Report SDT</i>.</p>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 281301001  Within reference range </li> <li>• 281303003  Above therapeutic range </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_OutOfRangeIndicatorReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	15
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 39 Physical force foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Physical force foundation reference set</i> provides the broadest possible terminology to support the recording of physical forces in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for physical forces are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for physical forces, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content relating to physical forces.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 32646006 <i>/Electric field/</i></li> <li>• 263762005 <i>/Friction/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_PhysicalForceFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	171
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 40 Physical object foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Physical object foundation reference set</i> provides the broadest possible terminology to support the recording of physical objects in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for physical objects are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for physical objects, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content relating to physical objects.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 40388003 <i>/Implant, device/</i></li> <li>• 80278003 <i>/Paediatric bed/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_PhysicalObjectFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	4,433
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 41 Problem/Diagnosis reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Problem/Diagnosis reference set</i> provides terminology to support the recording of a patient problem or diagnosis for medical records within Australia.
<b>Scope</b>	This reference set can be used within implementations of the <i>Problem/Diagnosis DCM</i> [8].
<b>Target client</b>	This reference set has been developed for those who are implementing the <i>Problem/Diagnosis DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Problem/Diagnosis reference set</i> is bound to the <i>Problem/Diagnosis</i> data element within the <i>Problem/Diagnosis DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 78275009  <i>Obstructive sleep apnoea</i> </li> <li>• 59771005  <i>Calculus of gallbladder with acute cholecystitis</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ProblemDiagnosisReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	95515
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 42 Procedure foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Procedure foundation reference set</i> provides the broadest possible terminology to support the recording of clinical interventions in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for procedures are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for procedures, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content relating to procedures.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 417215002 <i>/Diagnostic palpation/</i></li> <li>• 134403003 <i>/Urgent referral/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ProcedureFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	50,989
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



## 43 Qualifier value foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Qualifier value foundation reference set</i> provides the broadest possible terminology to support the recording of qualifying information in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for qualifying information are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for qualifying information, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content for qualifying information.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 129300006 <i>/Puncture - action/</i></li> <li>• 263675000 <i>/Antenatal/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_QualifierValueFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	8,872
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 44 Record artefact foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Record artefact foundation reference set</i> provides the broadest possible terminology to support the recording of record artefacts in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for record artefacts are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for record artefacts, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content relating to record artefacts.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 422432008 <i>/Family history section/</i></li> <li>• 416868005 <i>/Surgical intraoperative record/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_RecordArtefactFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	199
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 45 Related item relationship type reference set

<b>Terminology</b>	SNOMED CT-AU or AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Related item relationship type reference set</i> provides terminology to support the recording of the type of relationship that a related item (e.g. diagnosis or procedure) has with the problem/diagnosis being recorded.
<b>Scope</b>	This reference set can be used within implementations of the <i>Problem/Diagnosis DCM</i> [8].
<b>Target client</b>	This reference set is developed for those implementing the <i>Problem/Diagnosis DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The reference set is bound to the <i>Relationship Type</i> data element within the <i>Problem/Diagnosis DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 255234002 <i>/Following/</i></li> <li>• 42752001 <i>/Caused by/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_RelatedItemRelationshipTypeReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20120531
<b>Initial no. of members</b>	2
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 46 Relationship to subject of care reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Relationship to subject of care</i> reference set provides terminology to support the recording of how a person is associated with or related to the subject of care for clinical and administrative records within Australia.
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information around how a person is associated with or related to the subject of care within a record.</p> <p>This reference set can be used within implementations of the DCMs that contain the <i>Relationship to Subject of Care</i> data element.</p>
<b>Target client</b>	Implementers of DCMs and the <i>Participation Specification</i> [11].
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Relationship to Subject of Care</i> data element within the <i>Participation Specification</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 394859001  Maternal grandmother </li> <li>• 45929001  Half-brother </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_RelationshipToSubjectOfCareReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	162
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 47 Request test name reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Request test name reference set</i> provides suitable concepts for describing the name of a single pathology investigation or a panel of grouped pathology investigations that may be requested by a clinician.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Result Report SDT</i> [9].</p> <p>This reference set is identical to the <i>Result test name reference set</i>.</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Request Test Name</i> data element (DE-11017) which is under the <i>Request Detail</i> data group (DG-11002) within the <i>Pathology Result Report SDT</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>71466003  Valproic acid measurement </li> <li>61594008  Microbial culture </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_RequestTestNameReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	1,522
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 48 Respiratory finding reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Respiratory finding reference set</i> is a broad context reference set that supports the recording of respiratory findings in Australian e-health implementations. This reference set has been derived from the <i>Clinical finding foundation reference set</i> .
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for respiratory findings are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for respiratory findings, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to respiratory findings.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, within Respiratory clinical groups.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 421581006 /<i>Pharyngeal swelling</i>/</li> <li>• 312453004 /<i>Asthma - currently active</i>/</li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_RespiratoryFindingReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	3,920
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 49 Result test name reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Result test name reference set</i> provides suitable concepts for describing the name of a single pathology investigation or a panel of grouped pathology investigations that may be requested by a clinician.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Result Report SDT</i> [9].</p> <p>This reference set is identical to the <i>Request test name reference set</i>.</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Result Test Name</i> data element (DE-11031) which is under the <i>Result Detail</i> data group (DG-11007) within the <i>Pathology Result Report SDT</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 25514001  <i>Digoxin measurement</i> </li> <li>• 77020008  <i>Direct Coombs test</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_ResultTestNameReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	1,522
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 50 Route of administration reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Route of administration reference set</i> provides terminology to support the recording of the route by which medicines are to be administered for medications records within Australia.
<b>Scope</b>	This reference set can be used within implementations of the NEHTA Electronic Transfer of Medication Prescription, the <i>Medication Instruction and Action DCM</i> [10], and/or the <i>Adverse Reaction DCM</i> [4].
<b>Target client</b>	This reference set has been developed for those who are implementing the NEHTA Electronic Transfer of Prescription, or the <i>Medication Instruction and Action DCM</i> , or the <i>Adverse Reaction DCM</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Route</i> data element in the <i>Medication Administration</i> data group within the <i>Medication Instruction and Action DCM</i> and the <i>Adverse Reaction DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 404820008  Epidural route </li> <li>• 26643006  Oral route </li> </ul>
<b>Plan for future work</b>	This reference set is subject to further development based on feedback from implementations.
<b>File name and version</b>	der2_Refset_RouteOfAdministrationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	154
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



## 51 Sex reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Sex reference set</i> provides terminology to support the recording of the person's sex.
<b>Scope</b>	This reference set can be used within implementations of the <i>Participation Specification</i> [11].
<b>Target client</b>	This reference set has been developed for those who are implementing the <i>Participation Specification</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	The <i>Sex reference set</i> is bound to the <i>Sex</i> data element within the <i>Participation Specification</i> . However, this reference set maybe suitable for use outside of that specification as required.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 248153007 <i>/Male/</i></li> <li>• 248152002 <i>/Female/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SexReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	4
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 52 Situation with explicit context foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Situation with explicit context foundation reference set</i> provides the broadest possible terminology to support the recording of clinical context-dependent information in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for clinical context-dependent information are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for clinical context-dependent information, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested, to assure that they are logical constraints of clinical context-dependent content.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 407625007 <i>/Suspected epilepsy/</i></li> <li>• 428287001 <i>/History of endocarditis/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SituationWithExplicitContextFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	3,066
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 53 Skeletal system reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Skeletal system reference set</i> is a broad context reference set that provides terminology to support the recording of clinical information pertaining to the skeletal system in Australian e-health implementations. This reference set has been derived from the <i>Body structure foundation reference set</i> .
<b>Scope</b>	This reference set can be used: <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for the skeletal system are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for the skeletal system, through a process of constraint.</li> <li>• As a benchmark, against which use-case specific reference sets developed by the SNOMED CT-AU user community, can be tested to assure that they are logical constraints of content relating to the skeletal system.</li> </ul>
<b>Target client</b>	Australian e-health clinical information systems, for example, within Orthopaedic or Radiology groups.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 62413002 /Bone structure of radius/</li> <li>• 56873002 /Bone structure of sternum/</li> </ul>
<b>Plan for future work</b>	This reference set may be used as a basis to develop more specific reference sets based on terminology requirements within different professional groups and delivery settings.
<b>File name and version</b>	der2_Refset_SkeletalSystemReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20100531
<b>Initial no. of members</b>	3,743
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 54 Social context foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Social context foundation reference set</i> provides the broadest possible terminology to support the recording of information relating to social conditions and circumstances in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for social context-dependent content are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for social context-dependent content, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of social context-dependent content.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 394571004 <i>/Employer/</i></li> <li>• 236324005 <i>/Factory worker/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SocialContextFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	4,793
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 55 Specimen characteristic reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Specimen characteristic reference set</i> provides suitable concepts for describing the clinical findings on the initial morphological analysis of a specimen, identifying attributes that may impact upon the result.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and for the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Test Result DCM</i> [5] and the <i>Pathology Result Report SDT</i> [9].</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Specimen Received Issues</i> data element within the <i>Pathology Test Result DCM</i>.</p> <p>This reference set is also bound to the <i>Specimen Characteristic</i> data element of (DE-11015) which is under the <i>Specimen Detail</i> data group (DG-11005) within <i>Pathology Result Report SDT</i>.</p>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 281276009 /Sample cloudy/</li> <li>• 84567002 /Specimen obscured by blood/</li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SpecimenCharacteristicReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	33
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 56 Specimen foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Specimen foundation reference set</i> provides the broadest possible terminology to support the recording of information about specimens that are obtained (usually from a patient) for examination or pathological analysis in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets with content relating to specimens are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for specimen content, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to specimens.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 119350003 <i>/Calculus specimen/</i></li> <li>• 119297000 <i>/Blood specimen/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SpecimenFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	1,236
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 57 Specimen qualifier reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Specimen qualifier reference set</i> provides suitable concepts for qualifying a description of a specimen that is relevant to a pathology investigation and is required for the purpose of specimen collection, analysing or result reporting.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Result Report SDT</i> [9].</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Specimen Qualifier</i> data element (DE-11009) which is under the <i>Specimen Detail</i> data group (DG-11005) within the <i>Pathology Result Report SDT</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 123027009  24 hours </li> <li>• 263675000  Antenatal </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SpecimenQualifierReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	85
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 58 Specimen quality reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Specimen quality reference set</i> provides suitable concepts for recording an indication of whether the specimen is suitable for the required laboratory tests.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Test Result DCM</i> [5] and the <i>Pathology Result Report SDT</i> [9].</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Adequacy for Testing</i> data element within the <i>Pathology Test Result DCM</i>.</p> <p>This reference set is also bound to the <i>Specimen Quality</i> data element (DE-11016) which is under the <i>Specimen Detail</i> data group (DG-11005) within the <i>Pathology Result Report SDT</i>.</p>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 125152006 /<i>Specimen satisfactory for evaluation</i>/</li> <li>• 125154007 /<i>Specimen unsatisfactory for evaluation</i>/</li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SpecimenQualityReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	2
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



## 59 Specimen type reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Specimen type reference set</i> provides suitable concepts for describing the sample to be collected or tested in a pathology investigation.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>Content has been constrained with respect to reusability and the information models to which this reference set is bound.</p> <p>This reference set can be used within implementations of the <i>Pathology Test Result DCM</i> [5] and the <i>Pathology Result Report SDT</i> [9].</p>
<b>Target client</b>	This reference set is developed for those who are implementing the <i>Pathology Test Result DCM</i> or the <i>Pathology Result Report SDT</i> .
<b>Other clients</b>	NEHTA ePathology Programme.
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Specimen Type</i> data element (DE-11008) which is under the:</p> <ul style="list-style-type: none"> <li>• <i>Specimen Detail</i> data group (DG-11005) within the <i>Pathology Result Report SDT</i>; and the</li> <li>• <i>Pathology Test Specimen Detail</i> data group (DG-16156) within the <i>Pathology Test Result DCM</i>. The data element is named <i>Specimen Tissue Type</i> in this DCM.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 119373006  Amniotic fluid specimen </li> <li>• 119350003  Calculus specimen </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SpecimenTypeReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	102
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 60 Staging and scales foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Staging and scales foundation reference set</i> provides the broadest possible terminology to support the recording of information about tumour staging and assessment scales in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for tumour staging and assessment scales are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for tumour staging and assessment scales, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to tumour staging and assessment scales.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	106241006 / <i>Gleason grading system for prostatic cancer</i> /
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_StagingAndScalesFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	1,196
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# 61 Substance foundation reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Substance foundation reference set</i> provides the broadest possible terminology to support the recording of substances in Australian e-health implementations.
<b>Scope</b>	<p>This reference set can be used:</p> <ul style="list-style-type: none"> <li>• Within implementations where use-case specific reference sets for substances are yet to be developed.</li> <li>• As the basis for developing further use-case specific reference sets for substances, through a process of constraint.</li> <li>• As a benchmark against which use-case specific reference sets that have been developed by the SNOMED CT-AU user community can be tested to assure that they are logical constraints of content relating to substances.</li> </ul>
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is not bound to any specific clinical information specifications.
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 52454007  Albumin </li> <li>• 59905008  Isoantibody </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_SubstanceFoundationReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	23,618
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 62 Substance to SNOMED CT-AU mapping reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Substance to SNOMED CT-AU mapping reference set</i> is developed for the implementers of AMT, SNOMED CT-AU and NEHTA DCMs to enable development of decision support systems.</p> <p>AMT and SNOMED CT-AU are currently separate terminologies; therefore the relationships between AMT products, their ingredients, and SNOMED CT-AU substances are not stated. The AMT <i>Substance to SNOMED CT-AU mapping reference set</i> will contain all AMT substances that are used in a modelled AMT product with a corresponding equivalent or supertype (i.e. the nearest relevant parent concept) map to a substance in SNOMED CT-AU.</p>
<b>Scope</b>	This reference set can be used by decision support systems to link adverse reaction substances (recorded using SNOMED CT-AU) to AMT products with equivalent substances, and can assist with prescribing alerts.
<b>Target client</b>	This reference set has been developed for those who are implementing decision support systems in conjunction with the NEHTA specifications.
<b>Other clients</b>	N/A
<b>Definitive bindings</b>	N/A
<b>Example of content</b>	<p><b>Nicotine in AMT:</b></p> <p>2393011000036109 /<i>nicotine (AU substance)</i>/</p> <p>is mapped to</p> <p><b>Nicotine in SNOMED CT-AU:</b></p> <p>68540007 /<i>Nicotine (substance)</i>/</p>
<b>Plan for future work</b>	<p>This reference set is subject to further development based on feedback from implementations.</p> <p>Monthly maintenance is performed on this reference set to ensure new AMT substances are mapped to SNOMED CT-AU substances.</p> <p>With future SNOMED CT-AU releases it is planned to further improve the coverage of substances through content submissions to the IHTSDO. This will effectively reduce supertype mappings by increasing equivalent mappings.</p>
<b>File name and version</b>	der2_csRefset_SubstanceToSnomedCtauMappingReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20120330
<b>Initial number of active members</b>	2015
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 63 Testing method reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Testing method reference set</i> provides suitable concepts for describing the analytical methods that may be used to complete a pathology investigation.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	<p>This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.</p> <p>This reference set can be used within implementations of the <i>Pathology Test Result DCM</i> [5] and the <i>Pathology Result Report SDT</i> [9].</p>
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	<p>This reference set is bound to the <i>Testing Method</i> data element within the <i>Pathology Test Result DCM</i>.</p> <p>This reference set is also bound to the <i>Testing Method</i> data element (DE-11025) which is under the <i>Structured Result Entry</i> data group (DG-11008) within the <i>Pathology Result Report SDT</i>.</p>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 67047002  <i>Microbial wet smear</i> </li> <li>• 117036006  <i>Alcian blue stain method</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_TestingMethodReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	1,276
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 64 Therapeutic good benefit category reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Therapeutic good benefit category reference set</i> provides terminology for the <i>Medical Benefit Category Type</i> data element within the <i>ePrescription SDT</i> [12] and the <i>Prescription Request SDT</i> [13].
<b>Scope</b>	This reference set can be used within implementations of the <i>Medication Instruction and Action DCM</i> [10], <i>ePrescription SDT</i> and <i>Prescription Request SDT</i> .
<b>Target client</b>	This reference set has been developed for those who are implementing the <i>ePrescription SDT</i> and <i>Prescription Request SDT</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Medical Benefit Category Type</i> data element which is within the <i>ePrescription SDT</i> and <i>Prescription Request SDT</i> .  This reference set is also bound to the <i>Concessions Benefit</i> data element within the <i>Medication Instruction and Action DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 32570831000036108 <i>/Eligible for PBS subsidy/</i></li> <li>• 32570861000036102 <i>/Not eligible for a pharmaceutical subsidy/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_TherapeuticGoodBenefitCategoryReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	4
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 65 Therapeutic good claim category reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Therapeutic good claim category reference set</i> provides terminology for the <i>Claim Category Type</i> data element within the <i>Dispense Record</i> specification.
<b>Scope</b>	This reference set can be used within implementations of the <i>Medication Instruction and Action DCM</i> [10] and the <i>Dispense Record SDT</i> [14].
<b>Target client</b>	This reference set has been developed for those who are implementing the <i>Dispense Record SDT</i> .
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Claim Category Type</i> data element within the <i>Dispense Record SDT</i> and the <i>Medication Instruction and Action DCM</i> .
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 32570741000036106 <i>/General PBS benefit/</i></li> <li>• 32570781000036102 <i>/RPBS benefit/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_TherapeuticGoodClaimCategoryReleaseType_AU1000036_YYYYMMDD.txt
<b>Date of initial release</b>	20110531
<b>Initial no. of members</b>	6
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 66 Trade product pack reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Trade product pack reference set</i> provides terminology to describe in a health record the packaged product (medication) that is supplied for direct patient use.
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	<p>This reference set is bound to the following data elements within specific DCMs:</p> <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 12167011000036107  <i>Adalat 20 mg tablet: film-coated, 60 tablets</i> </li> <li>• 11482011000036107  <i>Diazepam USP (DBL) 10 mg/2 ml injection: solution, 5 x 2 ml ampoules</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_TradeProductPackReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	11,935
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>



## 67 Trade product reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Trade product reference set</i> provides terminology to describe in a health record the product (medication) brand name or the grouping of products into a "family", for either single component products or components of multi-component products.
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is bound to the following data elements within specific DCMs: <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 65136011000036105 <i>/Brolene Eye Drops/</i></li> <li>• 3422011000036106 <i>/Pepzan/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_TradeProductReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	3,994
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 68 Trade product unit of use reference set

<b>Terminology</b>	AMT
<b>Reference set developer</b>	NCTIS
<b>Description</b>	The <i>Trade product unit of use reference set</i> provides terminology to describe in a health record a single dose unit of a finished dose form that contains a specified amount of an active ingredient substance and is grouped within a particular Trade Product.
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of medicines information between clinicians for medication management and the recording of adverse reactions.
<b>Target client</b>	NCTIS
<b>Other clients</b>	Australian e-health clinical information systems.
<b>Definitive bindings</b>	This reference set is bound to the following data elements within specific DCMs: <ul style="list-style-type: none"> <li>• The <i>Medicine</i> data element within the <i>Medication Instruction and Action DCM</i> [10].</li> <li>• The <i>Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i> [4].</li> <li>• The <i>Specific Substance/Agent</i> data element within the <i>Adverse Reaction DCM</i>.</li> </ul>
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 6355011000036103  <i>Alprim (trimethoprim 300 mg) tablet: uncoated, 1 tablet</i> </li> <li>• 65669011000036108  <i>Nurofen (ibuprofen 5% (50 mg/g)) gel</i> </li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_cRefset_TradeProductUnitOfUseReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	v2.21 March 2011
<b>Initial no. of members</b>	8,031
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

## 69 Unexpected result indicator reference set

<b>Terminology</b>	SNOMED CT-AU
<b>Reference set developer</b>	NCTIS
<b>Description</b>	<p>The <i>Unexpected result indicator reference set</i> provides suitable concepts for recording an indication of the degree of diagnostic significance associated with a pathology investigation result based on all the available clinical information.</p> <p>This information pertaining to pathology result reporting is required to enable the laboratory to conduct the right investigation and the pathologist to interpret and report clearly and unambiguously on the results.</p>
<b>Scope</b>	This reference set supports the accurate and unambiguous electronic communication and exchange of information relating to pathology result reporting between a pathology provider to a requesting clinician, or other approved recipient.
<b>Target client</b>	NEHTA ePathology Programme.
<b>Other clients</b>	
<b>Definitive bindings</b>	This reference set is bound to the <i>Unexpected Result Indicator</i> data element (DE-11027) which is under the <i>Structured Result Entry</i> data group (DG-11008) within the <i>Pathology Result Report SDT</i> [9].
<b>Example of content</b>	<ul style="list-style-type: none"> <li>• 394845008 <i>/Potentially abnormal/</i></li> <li>• 260369004 <i>/Increasing/</i></li> </ul>
<b>Plan for future work</b>	
<b>File name and version</b>	der2_Refset_UnexpectedResultIndicatorReleaseType_AU1000036_yyyymmdd.txt
<b>Date of initial release</b>	20091130
<b>Initial no. of members</b>	28
<b>Contact</b>	<a href="mailto:help@nehta.gov.au">help@nehta.gov.au</a>

# References

1. NEHTA. *AMT v3 Development Approach for Reference Sets*. Sydney: NEHTA; 2014. Available from: <http://www.nehta.gov.au/implementation-resources/ehealth-foundations/australian-medicines-terminology-common>.
2. NEHTA. *Development approach for reference sets: SNOMED CT-AU*. Sydney: NEHTA; 2014. 20140531 release. Available from: <http://www.nehta.gov.au/implementation-resources/ehealth-foundations/snomed-ct-au-common>.
3. NEHTA. *Australian Implementation Guidance: SNOMED CT-AU*. Sydney: NEHTA; 2014. 20140531 release. Available from: <http://www.nehta.gov.au/implementation-resources/ehealth-foundations/snomed-ct-au-common>.
4. NEHTA. *Adverse Reaction Detailed Clinical Model Specification*. Sydney: NEHTA; 2011. v3.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/detailed-clinical-model-library>.
5. NEHTA. *Pathology Test Result Detailed Clinical Model Specification*. Sydney: NEHTA; 2011. v2.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/detailed-clinical-model-library>.
6. NEHTA. *Imaging Examination Result Detailed Clinical Model Specification*. Sydney: NEHTA; 2011. v2.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/detailed-clinical-model-library>.
7. NEHTA. *Procedure Detailed Clinical Model Specification*. Sydney: NEHTA; 2011. v3.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/detailed-clinical-model-library>.
8. NEHTA. *Problem/Diagnosis Detailed Clinical Model Specification*. Sydney: NEHTA; 2011. v3.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/detailed-clinical-model-library>.
9. NEHTA. *Pathology Result Report Structured Document Template*. Sydney: NEHTA; 2009. v1.0. Available from: [https://www.nehta.gov.au/component/docman/doc\\_details/776-pathology-result-report-structured-document-template-v1-0-20090630?Itemid](https://www.nehta.gov.au/component/docman/doc_details/776-pathology-result-report-structured-document-template-v1-0-20090630?Itemid).
10. NEHTA. *Medication Instruction and Action Detailed Clinical Model Specification*. Sydney: NEHTA; 2013. v2.2. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/detailed-clinical-model-library>.
11. NEHTA. *Participation Data Specification*. Sydney: NEHTA; 2011. v3.2. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/participation-data-specification>.
12. NEHTA. *ePrescription Structured Document Template*. Sydney: NEHTA; 2010. v3.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/electronic-transfer-of-prescription>.
13. NEHTA. *Prescription Request Structured Document Template*. Sydney: NEHTA; 2010. v1.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/electronic-transfer-of-prescription>.
14. NEHTA. *Dispense Record Structured Document Template*. Sydney: NEHTA; 2010. v3.1. Available from: <http://www.nehta.gov.au/implementation-resources/clinical-documents/electronic-transfer-of-prescription>.
15. IHTSDO. *SNOMED CT Technical Implementation Guide*. Copenhagen: IHTSDO; 2014. July 2014 release. Available from: <http://www.snomed.org/doc>.