



**Australian Government**

**Australian Digital Health Agency**



## **Shared Health Summary**

### **My Health Record Usability Recommendations**

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V1.3

Approved for external use

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# Document information

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## Product version history

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| Product version | Date        | Release comments   |
|-----------------|-------------|--|
| 1.0             | 25 Nov 2013 | Extracted from Clinical Usability Program (CUP) R1 PCEHR Clinical Usability Software Requirements v1.0   |
| 1.1             | 5 May 2014  | Revised version, incorporating usability recommendations from both CUP R1 and CUP R2   |
| 1.2             | 31 Dec 2014 | Revised version, incorporating usability recommendations from CUP R3 and minor editorial updates.  |
| 1.3             | 16 Jun 2017 | Revised version, incorporating minor amendments to existing recommendations to align with the latest <i>Shared Health Summary Structured Content Specification</i> . Editorial updates related to renaming of PCEHR system to My Health Record system. Rebrand as Agency document. |

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# 1 Introduction

## 1.1 Purpose

It has been recognised that developers of software systems that access the My Health Record system<sup>1</sup> need usability recommendations to complement the software requirements provided by other eHealth specifications. These usability recommendations are designed to achieve greater consistency between general practice software products that access the My Health Record system, thereby improving clinical usability.

While the usability recommendations are developed specifically for general practice software vendors, they are provided to all software developers interested in improving the usability of their software systems. They are *not* part of the set of software conformance requirements for clinical information systems accessing the My Health Record system; however, conformance to these usability recommendations is strongly encouraged by clinical system users. More information about conformance to the usability recommendations is provided in section 1.3.

These recommendations were prepared as part of Agency's Clinical Usability Program (CUP) in consultation with general practice clinicians.

As the My Health Record system functionality increases, these usability recommendations will be updated.

## 1.2 Scope

This document provides usability recommendations for clinical information systems and contracted service provider systems authoring or rendering information contained in shared health summary documents exchanged with the My Health Record system.

It is focused on recommendations applicable specifically to shared health summary documents. Additional usability recommendations for *all* types of clinical documents are published in the *Clinical Documents - My Health Record Usability Recommendations v1.3*.<sup>2</sup>

This document does *not* provide usability recommendations for:

- document types other than shared health summary;
- My Health Record system functions not related to the authoring and rendering of shared health summary documents exchanged with the My Health Record system; or
- display and management of clinical terminology.

## 1.3 Conformance

Software developers may want to claim that their software implements these usability recommendations. For such claims to be meaningful and for the healthcare community to have a shared understanding of these claims, the usability recommendations have been documented in the form of software conformance

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<sup>1</sup> Previously known as the personally controlled electronic health record (PCEHR) system.

<sup>2</sup> Links to this and other referenced documents are given in the References section at the end.

requirements using the standard conformance verbs **SHALL**, **SHALL NOT**, **SHOULD** and **SHOULD NOT**.

Conformance to the recommendations in this document is not a prerequisite for software to be granted access to the My Health Record system. However, conformance to these usability recommendations is strongly encouraged by clinical software users. A software developer wanting to claim conformance to the clinical usability recommendations must have software that conforms to all mandatory and applicable conditional recommendations in this document. These are the recommendations using the verbs **SHALL** and **SHALL NOT**. Achievement of conformance to the mandatory and applicable conditional recommendations is recognised by mention on the table titled “eHealth Functions Available – General Practice Software Products” on the Agency website.

It is expected that the vendor’s software will still meet (or has met) the requirements listed in the *Shared Health Summary PCEHR Conformance Profile v1.6*.

## 1.4 How to use this document

How you use this document depends on whether you have used either of the previous versions of this document, which incorporated CUP releases 1, 2 and 3:

- **Version 1.1** – incorporating CUP releases 1 and 2 (R1 and R2). CUP R1 recommendations focused on usability in the creation of a shared health summary document and the display of the My Health Record document list, while CUP R2 focused on the creation of an event summary document. Version 1.1 of this document should be read in conjunction with *Clinical Documents PCEHR Usability Recommendations v1.1* and *Event Summary PCEHR Usability Recommendations v1.0*
- **Version 1.2** – incorporating CUP release 3 (R3). These recommendations focused on the creation of a ‘home page’ when the user opens a patient’s digital health record and also on identifying and indicating new clinical documents in a patient’s digital health record to the user. Version 1.2 of this document should be read in conjunction with *Clinical Documents PCEHR Usability Recommendations v1.2* and *Event Summary PCEHR Usability Recommendations v1.1*

Vendors who have *not* implemented any CUP recommendations are advised to implement all recommendations listed in this document, to increase usability of their software.

Vendors who have implemented previous releases of CUP recommendations are advised to review the ‘status’ column of each recommendation to determine whether they will need to implement or not, based on the following guidelines:

- **No change from v1.1** – this status means that the recommendation was introduced in either R1 or R2 with no further amendments
- **No change from v1.2** – this status means that the recommendation was introduced in R3 with no further amendments
- **Revised for v1.2** – this status means that the recommendation was amended in v1.2 but remains unchanged in v1.3
- **Revised for v1.3** – this status means the recommendation has been amended in v1.3

For details of the changes made to recommendations between the various versions, refer to the *CUP Usability Recommendations – Complete Change Log v1.0*, available on request from the Agency Help Centre.

The shared health summary specifications have been updated to incorporate a number of CUP recommendations – these are noted throughout this document. If your software conforms to the updated specifications, then those CUP recommendations that have been incorporated are not applicable.

Some recommendations have had editorial changes, for example to change *PCEHR* to *digital health record*, and *PCEHR system* to *My Health Record system*. These changes do not alter the meaning of the recommendation, and are marked as 'no change'.

## 2 Attesting a shared health summary

**Applies to:** General practice document authoring systems (shared health summary clinical documents).

The *Shared Health Summary PCEHR Conformance Profile* (conformance profile) states that:

A clinical information system shall display the final version of a shared health summary to the author and prompt the author to attest to the content of the shared health summary before the clinical information system uploads the shared health summary to the My Health Record system and to assert the healthcare provider individual (i.e. the author of the shared health summary) is a nominated healthcare provider as defined by the *Personally Controlled Electronic Health Records Act 2012*.<sup>3</sup> [COM2012]

There are multiple ways to implement this requirement. The conformance profile states:

One option for meeting this requirement is for a clinical information system to display the shared health summary along with a user interface button with the statement "By uploading this Shared Health Summary, I acknowledge that I am a Nominated Healthcare Provider for this patient as defined by the *Personally Controlled Electronic Health Records Act*."

Software vendors have taken a variety of approaches to implementing these requirements; some have introduced extra steps or checks concerning accuracy and patient consent.

There is no legal requirement for a provider to obtain the consent of a consumer each time a shared health summary is uploaded, as the provider can rely on the standing consent given by the consumer at registration.

The following professionals are eligible to be nominated healthcare providers as defined by the *My Health Records Act*:

- medical practitioners
- registered nurses
- Aboriginal and/or Torres Strait Islander health practitioners (with a Certificate IV in Aboriginal and/or Torres Strait Islander Primary Health Care (Practice))

The shared health summary authoring software is not required to enforce that the author falls into one of these categories, and doing so reliably may not be possible.

The usability recommendations in this section address how the shared health summary authoring review should be presented to the user.

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<sup>3</sup> This has now been renamed to *My Health Records Act 2012 (Cth)*. Both names appear in this document.



| ID            | Recommendation  | Obligation       | Status                     |
|---------------|---|------------------|----------------------------|
| <b>SHS.01</b> | <p>The software <b>SHALL</b> present a statement on shared health summary review and attestation as follows:</p> <ul style="list-style-type: none"> <li>• I am the patient’s nominated healthcare provider in accordance with the <i>My Health Records Act 2012</i>.</li> <li>• I am providing ongoing care to this patient.</li> <li>• I have prepared this shared health summary in consultation with the patient.</li> </ul> <p><i>Note: The above wording meets the requirements of the conformance process, addresses and encourages best clinical practice as agreed by clinicians consulted during the Clinical Usability Program, and does not intrude on the natural workflow of a clinician.</i></p> <p><i>The wording does not ask the clinician to confirm that the document is either complete or accurate, since the patient may ask to withhold information from the document.</i></p> | <i>Mandatory</i> | <i>No change from v1.1</i> |
| <b>SHS.02</b> | <p>The software <b>SHALL</b> have one and only one confirmation step for shared health summary review and attestation.</p> <p><i>Note: The recommendation reduces the key strokes needed to submit a shared health summary. A single upload button is sufficient to meet this recommendation. It is not necessary to display a checkbox to record consent, nor is it necessary to display the acknowledgement as a separate pop-up window.</i></p>  | <i>Mandatory</i> | <i>No change from v1.1</i> |
| <b>SHS.03</b> | <p>The software <b>SHALL NOT</b> upload the authored clinical document without an explicit confirmation from the user.</p> <p><i>Note: A generic keystroke such as "Tab" or "Enter" is liable to be pressed automatically by the user, so it would not count as an explicit confirmation. Examples of explicit confirmations include a mouse click on an "Upload" button, or a dialog with "Y" or "N" responses.</i></p>  | <i>Mandatory</i> | <i>No change from v1.1</i> |

### 3 Populating a shared health summary

**Applies to:** General practice document authoring systems (shared health summary clinical documents).

When creating a shared health summary, it should be possible for the clinician to readily manage the relevant clinical data items to be included. Current implementations typically present lists of data items drawn from the patient record with a check box against each list item denoting inclusion or exclusion in the shared health summaries. Each list corresponds to a health summary document section – that is, adverse reactions, medications, medical history or immunisations.

The methods and rules that determine the initial check box state (that is, whether a data item is included by default) have not been specified. Consequently, there are considerable differences between software products. Various inconsistent approaches based on clinical entry “shared data flags” (for example, include in summary, include in correspondence) and direct selection on authoring have been implemented in systems.

The *Shared Health Summary Structured Content Specification v1.2* provides information about the sections of a shared health summary. In brief:

- *Adverse Reactions:* Information about adverse reactions or propensity to adverse reaction of the patient (including allergies and intolerances), and any relevant reaction details.
- *Medications:* Medicines which the healthcare consumer is using. This includes self-prescribed, clinician-prescribed and non-prescription medicines. This section must not be used to record vaccine administration records of the healthcare consumer. The “Administered immunisation” section must be used for this purpose.
- *Medical History:* The past and current medical history of the healthcare consumer which is relevant to the episode of care. This includes problem/diagnosis and medical or surgical procedures performed.
- *Immunisations:* Information about the immunisation history of the healthcare consumer.

| ID     | Recommendation  | Obligation       | Status                     |
|--------|---|------------------|----------------------------|
| SHS.04 | The software <b>SHALL</b> display four complete lists of data items sourced from the local patient record: <ol style="list-style-type: none"> <li>1 Adverse Reactions</li> <li>2 Medications</li> <li>3 Medical History</li> <li>4 Immunisations</li> </ol> | <i>Mandatory</i> | <i>No change from v1.1</i> |

The list headings **SHALL** be as given above.

Information in these lists **SHALL** be in accordance with the definition of Adverse Reactions, Medications, Medical History and Immunisations, stated in in the *Shared Health Summary Structured Content Specification*.

| ID     | Recommendation   | Obligation  | Status              |
|--------|--|-------------|---------------------|
| SHS.05 | <p>If the software allows an individual data item to be attributed with a “Confidentiality” flag and the flag is set to “true”, then the software <b>SHALL</b> disallow the selection and inclusion of that data item.</p> <p><i>Note: Some clinical systems incorporate confidentiality settings that restrict sharing of sensitive information or particular health information (for example, HIV status) outside the healthcare organisation. Such items will still appear in the shared health summary review authoring screen; however, their status should be clearly indicated to the user. Furthermore, the software may implement controls to prevent inadvertent inclusion in a shared health summary by disabling selection when authoring a shared health summary.</i></p> | Conditional | No change from v1.1 |
| SHS.06 | <p>If the software has one or more item-level shared data flags for an entry type, those items that have been flagged for sharing <b>SHALL</b> be marked for inclusion in the shared health summary by default.</p> <p><i>Note: Entry types are: adverse reactions, medications, medical history and immunisations. Clinical systems commonly attribute medical history entries with shared data flag(s). When authoring a shared health summary, it must be possible to de-select any item marked for default inclusion.</i></p>  | Conditional | No change from v1.1 |
| SHS.07 | <p>If the software does not have an item-level shared data flag for an entry type, all items of that entry type <b>SHALL</b> be marked for inclusion by default.</p> <p><i>Note: Clinical systems typically do not attribute adverse reactions, medications and immunisations with shared data flags. When authoring a shared health summary, it must be possible to de-select any item marked for default inclusion.</i></p>  | Conditional | No change from v1.1 |
| SHS.08 | <p>The software <b>SHALL</b> support selection and de-selection of clinical items for shared health summaries, regardless of whether the shared data flag is marked or unmarked on entry.</p>  | Mandatory   | No change from v1.1 |

| ID     | Recommendation  | Obligation | Status              |
|--------|---|------------|---------------------|
| SHS.21 | <p>When authoring a new shared health summary, the software <b>SHALL</b> pre-select items that were previously included in the most recently authored shared health summary for the patient uploaded by the user’s healthcare organisation, unless the item has since been removed or has been marked as inactive or confidential.</p> <p><i>Note: In addition to this recommendation, any new items will be pre-selected as set out in recommendations SHS.05, SHS.06 and SHS.07. Recommendation SHS.08 allows the user to override any pre-selections before uploading the shared health summary.</i></p> <p><i>This recommendation allows users to avoid having to reselect items to add to a new shared health summary if the item was previously included in the last shared health summary uploaded by the same organisation and the item has not since been removed or marked as inactive or confidential.</i></p> <p><i>Some vendors may have taken the initiative and implemented this recommendation already in their software.</i></p> | Mandatory  | No change from v1.2 |

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## 4 Presentation and selection of medical history items

**Applies to:** General practice document authoring systems (shared health summary clinical documents).

The clinical requirements for the Medical History Section (as specified by the *Shared Health Summary Information Requirements v1.1*) describe a single list of medical history items, with a single exclusion statement. However the *Shared Health Summary CDA Implementation Guide v1.4* separates medical history into three sub-groupings: Problems/Diagnosis, Procedures, and Medical History Items. There are two exclusion statements: one for Problems/Diagnosis and another for Procedures. The need for two statements is due to the way the information is modelled and handled internally – it was not intended to impact on the way that the information was gathered from the user, nor how it was displayed. However, the CDA implementation guide does not directly address the question of how documents are presented and, since it suggests separate lists, this is how the shared health summary has been implemented.

Information on a patient’s medical history is to be presented to the user so that they can select the items to record in a shared health summary.

| ID            | Recommendation   | Obligation       | Status                  |
|---------------|--|------------------|-------------------------|
| <b>SHS.09</b> | The software <b>SHALL</b> present to the user a combined medical history list containing all applicable procedures, problems/diagnosis and uncategorised medical history entries.  | <i>Mandatory</i> | <i>Revised for v1.3</i> |
| <b>SHS.10</b> | The software <b>SHALL</b> present a medical history item for each entry in the local health record that corresponds to a procedure, problem/diagnosis or an uncategorised medical history entry.<br><br><i>Note: It is not expected that the software presents history items contained in progress notes or similar narrative entries.</i> | <i>Mandatory</i> | <i>Revised for v1.3</i> |

## 5 Medical history narrative

**Applies to:** General practice document authoring systems (shared health summary clinical documents).

The *Shared Health Summary CDA Implementation Guide* states that the shared health summary medical history section has one narrative for problems/diagnosis, procedures and medical history items and three sub-sections for the structured data for problems/diagnosis, procedures and medical history items. The intent is for the medical history narrative to be formatted as a table according to the recommendations listed below.

| ID     | Recommendation  | Obligation         | Status                     |
|--------|---|--------------------|----------------------------|
| SHS.11 | The software <b>SHALL</b> populate the narrative of the medical history section of the CDA document with a single table containing all procedures, problem/diagnoses or other medical histories that are to be included in the document.  | <i>Mandatory</i>   | <i>No change from v1.1</i> |
| SHS.12 | The software <b>SHALL</b> create a medical history table with an "Item" column containing a textual description of the problem/diagnosis, procedure or uncategorised medical history item.  | <i>Mandatory</i>   | <i>Revised for v1.3</i>    |
| SHS.13 | <p>If the software supports a date entry associated with medical history items, then the software <b>SHALL</b> create a medical history table with a "Date" column containing a point in time or time period for the entry.</p> <p><i>Note: The date displayed could be:</i></p> <ul style="list-style-type: none"> <li><i>a specific date corresponding to a point in time occurrence, such as a procedure date or date of onset;</i></li> <li><i>a date range, such as date of onset to date of remission; or</i></li> <li><i>"(ongoing)" to indicate that the condition is ongoing.</i></li> </ul> | <i>Conditional</i> | <i>No change from v1.1</i> |
| SHS.14 | If comments associated with medical history items are supported, then the software <b>SHALL</b> create a medical history table with a "Comment" column containing additional comments about the entry.  | <i>Conditional</i> | <i>No change from v1.1</i> |
| SHS.15 | <p>The software <b>SHALL</b> create entries in the medical history table in reverse chronological order based on the Date field. Medical history items with the most recent dates <b>SHALL</b> be listed higher in the table.</p> <p>Any medical history items with no corresponding date (e.g. where no date of onset has been recorded) <b>SHALL</b> be displayed at the top of the table.</p> <p><i>Note: When a history item has a date range recorded (e.g. date of onset to date of resolution), the start of the date period is used for sorting.</i></p>                                      | <i>Mandatory</i>   | <i>No change from v1.1</i> |

## 6 Exclusion statements for medical history items

**Applies to:** All general practice systems authoring shared health summaries that record exclusion statements.

The medical history section of shared health summary clinical documents allows three possible types of medical history entry (problem/diagnosis, procedure and uncategorised medical history item) and two types of global exclusion statements (for problems and diagnoses and for procedures) as shown below.

### Medical History Entry

- Problem/Diagnosis
- Procedure
- Uncategorised Medical History Item

### Global Exclusion Statement

- Exclusion Statement – Problems and Diagnoses
- Exclusion Statement – Procedures

A clarified definition of “Uncategorised Medical History Item” based on the *Shared Health Summary Structured Content Specification* definition is:

*“A medical history entry which cannot be categorised into one of the categories such as Procedure and Problem/Diagnosis.”*

This covers cases where the source system cannot automatically classify an entry as a Problem/Diagnosis or a Procedure, including cases where:

- The coding system used for medical history item cannot structurally support adequate concept classification.
- The medical history item is maintained as free-text and thus has never been classified.

Appropriate use is defined here based on the existence of medical history entries of each type.

Since it is not known whether an “Uncategorised Medical History Item” entry is conceptually a procedure or a problem/diagnosis, exclusion statements cannot be used when an “Uncategorised Medical History Item” entry is present, as the entry may, in fact, be a procedure or a problem/diagnosis. Therefore, the following explicit constraints apply based on the *Shared Health Summary CDA Implementation Guide*.

| ID                         | Recommendation   | Obligation                 | Status          |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
|----------------------------|--|----------------------------|-----------------|----------------------------|--|-------------------|-----------------|------------------------|-----------------|-----------|-----------------|------------|-----------------|----------------------------|-----------------|--|--|-----------|------------------|
| SHS.16                     | <p>When there are no entries for both “Procedure” and “Uncategorised Medical History Item” the software <b>SHALL</b> create an “Exclusion Statement – Procedures”.</p> <p><i>Example:</i></p> <table border="1" data-bbox="316 371 1040 524"> <thead> <tr> <th colspan="2" data-bbox="316 371 643 405">Medical History Entry</th> <th colspan="2" data-bbox="683 371 1040 405">Global Exclusion Statement</th> </tr> </thead> <tbody> <tr> <td data-bbox="316 416 480 439">Problem/Diagnosis</td> <td data-bbox="555 416 643 439"></td> <td colspan="2" data-bbox="683 416 1040 439">Problems and Diagnoses</td> </tr> <tr> <td data-bbox="316 450 405 472">Procedure</td> <td data-bbox="555 450 643 472"><b>No entry</b></td> <td data-bbox="683 450 772 472">Procedures</td> <td data-bbox="938 450 1040 472"><b>Required</b></td> </tr> <tr> <td data-bbox="316 483 544 506">Other Medical History Item</td> <td data-bbox="555 483 643 506"><b>No entry</b></td> <td colspan="2" data-bbox="683 483 1040 506"></td> </tr> </tbody> </table>   | Medical History Entry      |                 | Global Exclusion Statement |  | Problem/Diagnosis |                 | Problems and Diagnoses |                 | Procedure | <b>No entry</b> | Procedures | <b>Required</b> | Other Medical History Item | <b>No entry</b> |  |  | Mandatory | Revised for v1.3 |
| Medical History Entry      |  | Global Exclusion Statement |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Problem/Diagnosis          |  | Problems and Diagnoses     |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Procedure                  | <b>No entry</b>  | Procedures                 | <b>Required</b> |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Other Medical History Item | <b>No entry</b>  |                            |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| SHS.17                     | <p>When there are no entries for both “Problem/Diagnosis” and “Uncategorised Medical History Item” the software <b>SHALL</b> create an “Exclusion Statement – Problems and Diagnoses”.</p> <p><i>Example:</i></p> <table border="1" data-bbox="316 842 1040 994"> <thead> <tr> <th colspan="2" data-bbox="316 842 643 875">Medical History Entry</th> <th colspan="2" data-bbox="683 842 1040 875">Global Exclusion Statement</th> </tr> </thead> <tbody> <tr> <td data-bbox="316 887 480 909">Problem/Diagnosis</td> <td data-bbox="555 887 643 909"><b>No entry</b></td> <td data-bbox="683 887 895 909">Problems and Diagnoses</td> <td data-bbox="938 887 1040 909"><b>Required</b></td> </tr> <tr> <td data-bbox="316 920 405 943">Procedure</td> <td data-bbox="555 920 643 943"></td> <td colspan="2" data-bbox="683 920 1040 943">Procedures</td> </tr> <tr> <td data-bbox="316 954 544 976">Other Medical History Item</td> <td data-bbox="555 954 643 976"><b>No entry</b></td> <td colspan="2" data-bbox="683 954 1040 976"></td> </tr> </tbody> </table>   | Medical History Entry      |                 | Global Exclusion Statement |  | Problem/Diagnosis | <b>No entry</b> | Problems and Diagnoses | <b>Required</b> | Procedure |                 | Procedures |                 | Other Medical History Item | <b>No entry</b> |  |  | Mandatory | Revised for v1.3 |
| Medical History Entry      |  | Global Exclusion Statement |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Problem/Diagnosis          | <b>No entry</b>  | Problems and Diagnoses     | <b>Required</b> |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Procedure                  |  | Procedures                 |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Other Medical History Item | <b>No entry</b>  |                            |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| SHS.18                     | <p>When there are no entries for all of “Procedure”, “Problem/ Diagnosis” and “Uncategorised Medical History Item” the software <b>SHALL</b> create both an “Exclusion Statement – Procedures” and “Exclusion Statement – Problems and Diagnoses”.</p> <p><i>Example:</i></p> <table border="1" data-bbox="316 1388 1040 1541"> <thead> <tr> <th colspan="2" data-bbox="316 1388 643 1422">Medical History Entry</th> <th colspan="2" data-bbox="683 1388 1040 1422">Global Exclusion Statement</th> </tr> </thead> <tbody> <tr> <td data-bbox="316 1433 480 1456">Problem/Diagnosis</td> <td data-bbox="555 1433 643 1456"><b>No entry</b></td> <td data-bbox="683 1433 895 1456">Problems and Diagnoses</td> <td data-bbox="938 1433 1040 1456"><b>Required</b></td> </tr> <tr> <td data-bbox="316 1467 405 1489">Procedure</td> <td data-bbox="555 1467 643 1489"><b>No entry</b></td> <td data-bbox="683 1467 772 1489">Procedures</td> <td data-bbox="938 1467 1040 1489"><b>Required</b></td> </tr> <tr> <td data-bbox="316 1500 544 1523">Other Medical History Item</td> <td data-bbox="555 1500 643 1523"><b>No entry</b></td> <td colspan="2" data-bbox="683 1500 1040 1523"></td> </tr> </tbody> </table> | Medical History Entry      |                 | Global Exclusion Statement |  | Problem/Diagnosis | <b>No entry</b> | Problems and Diagnoses | <b>Required</b> | Procedure | <b>No entry</b> | Procedures | <b>Required</b> | Other Medical History Item | <b>No entry</b> |  |  | Mandatory | Revised for v1.3 |
| Medical History Entry      |  | Global Exclusion Statement |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Problem/Diagnosis          | <b>No entry</b>  | Problems and Diagnoses     | <b>Required</b> |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Procedure                  | <b>No entry</b>  | Procedures                 | <b>Required</b> |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |
| Other Medical History Item | <b>No entry</b>  |                            |                 |                            |  |                   |                 |                        |                 |           |                 |            |                 |                            |                 |  |  |           |                  |



| ID                                      | Recommendation  | Obligation            | Status                     |                   |   |           |                               |   |  |           |                  |
|---|---|-----------------------|----------------------------|-------------------|---|-----------|-------------------------------|---|--|-----------|------------------|
| <b>SHS.19</b>                           | <p>When there are any entries for “Uncategorised Medical History Item” the software <b>SHALL NOT</b> create an exclusion statement.</p> <p><i>Example:</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Medical History Entry</th> <th style="text-align: left; border-bottom: 1px solid black;">Global Exclusion Statement</th> </tr> </thead> <tbody> <tr> <td style="border-bottom: 1px solid black;">Problem/Diagnosis</td> <td style="border-bottom: 1px solid black;">Problems and Diagnoses <b>Not allowed</b></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Procedure</td> <td style="border-bottom: 1px solid black;">Procedures <b>Not allowed</b></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Other Medical History Item <b>Entry</b></td> <td></td> </tr> </tbody> </table> <p><i>Note: The reason for this recommendation is that if “Uncategorised Medical History Item” is present, it may be either a problem/diagnosis, or a procedure, so there should not be an exclusion statement for either of these.</i></p> <p><i>Note: This recommendation is not applicable if the system has implemented against either the Shared Health Summary – Structured Content Specification v1.2 or later OR the Shared Health Summary – CDA Implementation Guide v1.4 or later.</i></p> | Medical History Entry | Global Exclusion Statement | Problem/Diagnosis | Problems and Diagnoses <b>Not allowed</b> | Procedure | Procedures <b>Not allowed</b> | Other Medical History Item <b>Entry</b> |  | Mandatory | Revised for v1.3 |
| Medical History Entry                   | Global Exclusion Statement  |                       |                            |                   |   |           |                               |   |  |           |                  |
| Problem/Diagnosis                       | Problems and Diagnoses <b>Not allowed</b>   |                       |                            |                   |   |           |                               |   |  |           |                  |
| Procedure                               | Procedures <b>Not allowed</b>   |                       |                            |                   |   |           |                               |   |  |           |                  |
| Other Medical History Item <b>Entry</b> |   |                       |                            |                   |   |           |                               |   |  |           |                  |
| <b>SHS.20</b>                           | <p>The software <b>SHALL NOT</b> use the “not asked” exclusion statement in the context of Shared Health Summary clinical document authoring.</p> <p><i>Note: This recommendation not applicable if the system has implemented against either the Shared Health Summary – Structured Content Specification v1.2 or later OR the Shared Health Summary – CDA Implementation Guide v1.4 or later.</i></p>   | Mandatory             | No change from v1.1        |                   |   |           |                               |   |  |           |                  |

*Note: In the example tables above, the blank cells in Medical History Entry indicate either an entry or blank. A medical history section is allowed to contain procedures, problem/diagnosis, and other uncategorised medical history items.<sup>4</sup> Having both categorised items (procedures and problem/diagnosis) and uncategorised medical history items would be unusual, because generally if a system is able to differentiate some items, it is able to differentiate them all. However a system may be able to categorise some, and not others – because of legacy data, or partial classification in the underlying terminology, for instance. For this reason, the rules allow a mix of categorised and uncategorised items.*

<sup>4</sup> In the section “Clarifications” of the *Shared Health Summary Release Note v1.5*, the document states to “use EITHER “Problem/Diagnosis” and “Procedure” OR “Uncategorised Medical History Item”, but NOT both”. This should be understood as product guidance and is consistent with these usability recommendations.

# Glossary

| Term                                 | Description   |
|--------------------------------------|---|
| Clinical Document Architecture (CDA) | An XML-based mark-up standard intended to specify the encoding, structure and semantics of clinical documents exchanged between health software systems. Specifications for clinical documents are based on CDA Release 2 [HL72005].  |
| clinical document                    | A digital file containing personal health information about an individual, containing unstructured (narrative) information and optionally structured (atomic) information.  |
| clinical information system (CIS)    | A system that deals with the collection, storage, retrieval, communication, and use of health related data, information and knowledge pertaining to subjects of care [AS5021]. The system may comprise one or more applications or components.  |
| contracted service provider          | An entity that may offer health software as a service, and support access to the My Health Record system on behalf of healthcare organisations. A contracted service provider provides under a contract with the healthcare provider organisation: a) information technology services relating to the My Health Record system; or b) health information management services relating to the My Health Record system (Section 5 <i>My Health Records Act 2012</i> ). |
| healthcare consumer                  | A person who is the subject of care.  |
| My Health Record system              | National eHealth infrastructure for managing records in eHealth. This was previously called the personally controlled electronic health record system (eHealth record system).  |

# References

## Australian Digital Health Agency references

The references below are published on [www.digitalhealth.gov.au](http://www.digitalhealth.gov.au).

If viewing this as a printed document, use the DH-XXXX:YYYY for new documents and NEHTA-XXXX:YYYY for old documents as identifier to search for the reference online.

- [NEHTA-1840:2015](#) *Shared Health Summary CDA Implementation Guide v1.4*, 10 April 2015
- [NEHTA-1837:2015](#) *Shared Health Summary Information Requirements v1.1*, 10 April 2015
- [NEHTA-1839:2015](#) *Shared Health Summary Structured Content Specification v1.2*, 10 April 2015
- [NEHTA-1852:2015](#) *Shared Health Summary Release Note v1.5*, 10 April 2015
- [NEHTA-1838:2015](#) *Shared Health Summary PCEHR Conformance Profile v1.6*, 10 April 2015
- [NEHTA-2210:2016](#) *Clinical Documents My Health Record Usability Recommendations v1.3*, 6 January 2016

## Other references

At the time of publication, the versions below were valid. However, as all documents are subject to revision, readers are encouraged to use the most recent versions of these documents.

- [AS5021] *AS 5021:2005 - The language of health concept representation*, Standards Australia, 2005.
- [COM2012] *My Health Records Act 2012 (previously named the Personally Controlled Electronic Health Records Act 2012)*, Australian Government ComLaw, 2012
- [HL72005] *Clinical Document Architecture, Release 2*, ISO/HL7 27932:2008, 21 Apr 2005