

Detailed Clinical Model Library v4.2

Release note

4 September 2013

Approved for external information

Summary

Relates to: [EP-1414:2013 Detailed Clinical Model Library v4.2](#)

Detailed clinical models are the building blocks from which all other models and specifications produced by NEHTA's Clinical Information team are created. This release introduces the detailed clinical models used by the PCEHR prescribing and dispensing documents and Child eHealth Record structured content specifications published for the personally controlled electronic health record (PCEHR).

Release rationale

As a result of the modelling done to support the PCEHR prescribing and dispensing documents and Child eHealth Record structured content specifications for the PCEHR, a number of models have been changed and some new models added to the set of detailed clinical models. These models were developed in accordance with the requirements for the PCEHR, in order to enable the production of a complete and satisfactory set of structured content specifications and CDA implementation guides. This release of the Detailed Clinical Model Library publishes these new and changed models.

Package inclusions

New

Identifier	Name	Version
NEHTA-1244:2013	Body Measurement Detailed Clinical Model Specification	v1.0
NEHTA-1415:2013	Physical Examination Findings Detailed Clinical Model Specification	v1.0

Updated (supersedes previous version)

Identifier	Name	Version
NEHTA-1418:2013	Medication Instruction and Action Detailed Clinical Model Specification	v2.2
NEHTA-1417:2013	Miscellaneous Detailed Clinical Model Specification	v1.3

No change

Identifier	Name	Version
NEHTA-1388:2011	Adverse Reaction Detailed Clinical Model Specification	v3.1
NEHTA-1389:2011	Imaging Examination Result Detailed Clinical Model Specification	v2.1
NEHTA-1394:2011	Pathology Test Result Detailed Clinical Model Specification	v2.1
NEHTA-1396:2011	Procedure Detailed Clinical Model Specification	v3.1
NEHTA-1395:2011	Problem Diagnosis Detailed Clinical Model Specification	v3.1
NEHTA-1390:2011	Medicare Repositories Detailed Clinical Model Specification	v1.0

Scope

The changes are as follows:

- a new detailed clinical model, *Summary of Medication Entries*, added to the *Miscellaneous Detailed Clinical Model Specification* to support the PCEHR prescribing and dispensing documents structured content specifications;
- a new detailed clinical model, *General Observation*, added to the *Miscellaneous Detailed Clinical Model Specification* to support the Child eHealth Record structured content specifications;
- a new detailed clinical model is provided in the *Physical Examination Findings Detailed Clinical Model Specification* to support the Child eHealth Record structured content specifications;
- four new detailed clinical models are provided in the *Body Measurements Detailed Clinical Model Specification* to support the Child eHealth Record structured content specifications; and
- several revisions to the *Medication Instruction* and *Medication Action* detailed clinical models to support the PCEHR prescribing and dispensing documents structured content specifications including inclusion of new data elements, changing data types, and correcting OIDs.

Each detailed clinical model specification contains its own change log.

Known issues

Each detailed clinical model contains its own list of known issues.

Support

This release will be supported until the models described herein are explicitly deprecated, and ultimately withdrawn, by NEHTA.

For further support or to provide feedback, please email nehtasupport@nehta.gov.au

Future releases

Future releases will be made as and when new requirements come to light for the detailed clinical models themselves or for the structured content specifications that make use of them.

Previous releases

The details of all previous releases are given below.

Detailed Clinical Model Library v4.1, 1 August 2013

Release rationale

As a result of the modelling done to support the initial suite of structured content specifications for the PCEHR, a few shortcomings were identified in the current set of detailed clinical models. These models were updated in accordance with the requirements for the PCEHR in order to enable the production of a complete and satisfactory set of structured content specifications and CDA implementation guides. This release of the Detailed Clinical Model Library publishes those updated models.

Package inclusions

For a full list of inclusions, see:

<https://www.nehta.gov.au/implementation-resources/clinical-documents/EP-1387-2013>

Scope of changes

The changes are as follows:

- five new detailed clinical models added to support data uploaded from Medicare to the PCEHR;
- a sixth new detailed clinical model, *Requested Service*, added to the *Miscellaneous Detailed Clinical Model Specification*;
- a data element added to each model to store a unique identifier for each instance of the concept described by the model; and
- a data group added to each model to enable linking a data instance of the model to another data instance (of the same or a different model) elsewhere in the same or another document or electronic health record.

Each Detailed Clinical Model Specification contains its own change log.

Known issues

Each detailed clinical model specification contains its own list of known issues.

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