



Pathology Terminology

Release Note

31 October 2008

Public

National E-Health Transition Authority Ltd

Level 25

56 Pitt Street

Sydney, NSW, 2000

Australia.

www.nehta.gov.au**Disclaimer**

NEHTA makes the information and other material ("Information") in this document available in good faith but without any representation or warranty as to its accuracy or completeness. NEHTA cannot accept any responsibility for the consequences of any use of the Information. As the Information is of a general nature only, it is up to any person using or relying on the Information to ensure that it is accurate, complete and suitable for the circumstances of its use.

Document Control

This document is maintained in electronic form. The current revision of this document is located on the NEHTA Web site and is uncontrolled in printed form. It is the responsibility of the user to verify that this copy is of the latest revision.

Security

The content of this document is confidential. The information contained herein must only be used for the purpose for which it is supplied and must not be disclosed other than explicitly agreed in writing with NEHTA.

Copyright © 2008, NEHTA.

This document contains information which is protected by copyright. All Rights Reserved. No part of this work may be reproduced or used in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems—without the permission of NEHTA. All copies of this document must include the copyright and other information contained on this page.

Table of contents

1	Purpose	1
2	Introduction	1
3	Release Log	1
4	Supporting Documentation	2
4.1	Pathology Terminology	2
4.1.1	Pathology Terminology Approach Document	2
4.1.2	SCT-AU Reference Set Implementation Guide	2
4.1.3	Pathology Terminology Release Note	3
4.1.4	Pathology Terminology Cover Note	3
4.2	SNOMED CT Supporting Documentation	4
4.2.1	SNOMED CT Technical Reference Guide	4
4.2.2	SNOMED CT Technical Implementation Guide	4
4.2.3	SNOMED CT User Guide	5
5	Pathology Terminology	6
6	Supporting Tools	8
6.1.1	SCT-AU Pathology Mapping Tool	8

1 Purpose

The purpose of this document is to provide a brief description of the Pathology Terminology deliverables and their location, highlight resolved and outstanding issues and also provide links to supporting documentation relevant to the release.

2 Introduction

The scope of the Pathology terminology contained in this release has been defined by the Pathology Package v1.0. The Pathology Terminology comprises existing SNOMED CT concepts that meet the data specification requirements outlined in the *Structured Document Template – Pathology Result Report v0.04 27/08/2008*. Specifically, Pathology terminology is designed to support the electronic reporting of pathology results between disparate information systems in the Australian pathology healthcare domain.

NEHTA's terminology work features an iterative development lifecycle designed to incorporate feedback following each successive release. Access to Pathology terminology documents and software terminology browser is limited to those holding the following licence agreements currently managed by NEHTA:

- The SNOMED CT Affiliate License Agreement for access to SNOMED CT International Release;
- The Australian National Terminology Release Licence Agreement for access to extensions and derivatives supplied by NEHTA.

3 Release Log

ID	Issue	Status
PAT-2	NEHTA has acquired the Non-human subset from the NHS. This subset has been used to 'filter' out non-human content from Pathology Terminology reference sets. Further internal and external quality reviews of the reference sets will take place to ensure any remaining non-human content is removed.	Closed
PAT-3	Further internal and external quality reviews of the reference sets are required to ensure completeness and appropriateness.	Ongoing
PAT-4	Deficiencies and errors within SNOMED CT apply limitations to the potential coverage provided by NEHTA reference sets. These issues are being collated and will be addressed through modelling new content (or revising current concepts).	Open
PAT-7	Additional data elements are required to fully express testing information. To fully specify the required information in a pathology test additional data elements are required to capture test information.	Open
PAT-8	Additional data elements required to define a Specimen's Anatomical Site. To fully specify the required specimen anatomical site information in a pathology test additional data elements are required.	Open

4 Supporting Documentation

The following supporting documentation is available for download from the NEHTA website.

Documents listed below contain SNOMED CT International Release data and are only available to current licencees of SNOMED CT. To apply for a licence simply [register with NEHTA](#)¹.

4.1 Pathology Terminology

4.1.1 Pathology Terminology Approach Document

This document describes the scope for the Pathology terminology in this release, along with terminology guiding principles used in the creation and development of the Pathology reference sets. Permissible concept examples are provided to enable better content understanding of each reference set, along with how Pathology terminology is aligned to NEHTA's *Structured Document Template – Pathology Result Report v0.04 27/08/2008*. In addition the Pathology Terminology Approach Document contains updated Australian Reference List (ARL) naming conventions.

File Details:

Current Version date	Filename details
31 October 2008	NEHTA_0287_2008_Pathology_Terminology_Approach_20081031 This file is found on the NEHTA website ² .

4.1.2 SCT-AU Reference Set Implementation Guide

This document describes the basics of terminology and reference sets and expands on some of the complexities of implementing these reference sets in a practical way.

File Details:

Current Version date	Filename details
31 October 2008	NEHTA_0291_2008_SCT_AU_Reference_Set_Implementation_Guide_20081031 This file is found on the NEHTA website ² .

¹ <https://nehta.org.au/aht/index.php>

² http://www.nehta.gov.au/index.php?option=com_docman&task=cat_view&gid=178&Itemid=139

4.1.3 Pathology Terminology Release Note

This Release Note accompanies the Pathology Terminology deliverables released in conjunction with the Pathology Result Reporting Package v1.0. The purpose of this document is to provide a brief description of the Pathology Terminology deliverables and their location, highlight resolved and outstanding issues and also provide links to supporting documentation relevant to the release.

It includes information such as a release log, a brief description of the deliverables, their online location and supporting documentation relevant to the release.

File Details:

Current Version date	Filename details
31 October 2008	NEHTA_0285_2008_Pathology_Terminology_Release_Note_20081031 This file is found on the NEHTA website ³ .

4.1.4 Pathology Terminology Cover Note

A communications note that introduces the work undertaken and the purpose of the Pathology Terminology released to support the Pathology Result Reporting Package v1.0.

File Details:

Current version date	Filename details
31 October 2008	NEHTA_0284_2008_Pathology_Terminology_Cover_Note_20081031. This file is found on the NEHTA website ³ .

³ http://www.nehta.gov.au/index.php?option=com_docman&task=cat_view&gid=178&Itemid=139

4.2 SNOMED CT Supporting Documentation

Access to these up to date documents is restricted to current licencees of SNOMED CT. To apply for the free licencees, please register at <https://nehta.org.au/aht>.

4.2.1 SNOMED CT Technical Reference Guide

The Technical Reference Guide is intended for SNOMED CT implementers, such as software developers. The guide assumes an information technology background. Clinical knowledge is not a prerequisite.

It contains reference material related to the current release of SNOMED CT and includes file layouts, field sizes, required values, and their meanings and high-level data diagrams. It can be used to install and use SNOMED CT.

File Details:

Current version date	Filename details
31 July 2008	This file is found in the 'Essential Resources' section of the International Release, in the folder named 'Documentation and Other Resources'. SNOMED_CT_Technical_Reference_Guide_20080731.pdf

4.2.2 SNOMED CT Technical Implementation Guide

The Technical Implementation Guide is intended for SNOMED CT implementers, such as software developers. The guide assumes information technology and software development experience. Clinical knowledge is not required, although some background is helpful to understand the application context and needs.

It contains guidelines and advice about the design of applications using SNOMED CT, and covers topics such as terminology services, entering and storing information, and migration of legacy information.

File Details:

Current version date	Filename details
31 July 2008	This file is found in the 'Essential Resources' section of the International Release, in the folder named 'Documentation and Other Resources'. SNOMED_CT_Technical_Implementation_Guide_20080731.pdf

4.2.3 SNOMED CT User Guide

The User Guide is intended for clinical personnel, business directors, software project managers, and project leaders. Information technology experience, though not necessary, is helpful.

The guide is intended to explain SNOMED CT's capabilities and uses from a content perspective. It explains the content and the principles used to model the terminology.

File Details:

Current version date	Filename details
31 July 2008	This file is found in the 'Essential Resources' section of the International Release, in the folder named 'Documentation and Other Resources' SNOMED_CT_User_Guide_20080131.pdf

5 Pathology Terminology

The terminology associated with this Pathology Terminology release is provided as a Microsoft Excel[®] file (NEHTA_0288_2008_Pathology_Terminology_File_20081031.xls) and also as terminology reference sets using the SCT-AU viewer. The reference sets have been based on the July 2008 SNOMED CT International release.

The Pathology Terminology Reference Sets provided with this release include:

- Pathology Request Test Name Reference Set (1021000036104)
- Pathology Result Test Name Reference Set (2021000036107)
- Pathology Specimen Type Reference Set (4021000036102)
- Pathology Specimen Qualifier Reference Set (5021000036101)
- Pathology Specimen Anatomical Site Reference Set (6021000036108)
- Pathology Testing Method Reference Set (3021000036100)

The Microsoft Excel[®] file contains the following worksheets:

Worksheet Name	Description
Notes	File description and notes.
ARL	The Australian Reference List (ARL) of pathology tests.
Jurisdiction Mapping	Mappings between the Jurisdiction pathology test names and SNOMED CT. These mappings are yet to be validated by the Jurisdictions.
Request Test Name	Contains the ConceptID, DescriptionID and SNOMED CT Preferred Term ⁴ for pathology investigations that may be requested by the healthcare provider, care team or organisation for a subject of care.
Result Test Name	Contains the ConceptID, DescriptionID and SNOMED CT Preferred Term for pathology investigations that may be reported by a pathology provider on a subject of care.
Testing Method	Contains the ConceptID, DescriptionID and SNOMED CT Preferred Term for pathology test methods that may be used by a pathology laboratory to test a pathology specimen.
Specimen Anatomical Site	Contains the ConceptID, DescriptionID and SNOMED CT Preferred Term for the anatomical sites from which a specimen may be collected for a pathology investigation
Specimen Qualifier	Contains the ConceptID, DescriptionID and SNOMED CT Preferred Term for specimen types which are relevant to a pathology investigation and are required for the purpose of specimen collection, analysing or results reporting.
Specimen Type	Contains the ConceptID, DescriptionID and SNOMED CT Preferred Term for biological specimens that may be taken from an individual for pathology investigation.
Non-human concepts	A list of non-human concepts removed from the Pathology Terminology reference sets.

⁴ English-UK

The contents of the reference sets are best viewed using the terminology viewer that is provided. The SCT-AU viewer a terminology browser, available in a downloadable form from the secure NEHTA website, for presentation of Australian Clinical Terminology data. The data bundled with the viewer contains SNOMED CT identifiers and therefore requires interested stakeholders to have licenced SNOMED CT through NEHTA prior to obtaining it for review.

The package of items within the zipped viewer folder includes:

- SCT-AU Viewer and Installation Guide in PDF format;
- SCT-AU Viewer Licence in PDF format; and
- SCT-AU Viewer for Windows (NEHTA_0286_2008_SCT_AU_Terminology_Viewer_Pathology_Windows_20081031.zip) or Mac OsX Operating System (NEHTA_0299_2008_SCT_AU_Terminology_Viewer_Pathology_MAC_OsX_20081031.zip).

The terminology viewer and Microsoft Excel® file is restricted to those holding SNOMED CT licence agreements managed by NEHTA. To apply for the free licences, please register at <https://nehta.org.au/aht>.

The SCT-AU distribution File 20081031 associated with this release is based on the July 2008 SNOMED CT International release.

This release contains:

- Three data files:
 - Concepts
 - Descriptions
 - Relationships
- UK Language Sub Set
- ICD9 Mapping Files
- Additional structures identifying content relevant to Australia including the Pathology Terminology Reference Sets.

The SCT-AU Distribution File is restricted to those holding SNOMED CT licence agreements managed by NEHTA. To apply for the free licences, please register at <https://nehta.org.au/aht>.

6 Supporting Tools

6.1.1 SCT-AU Pathology Mapping Tool

The purpose of the SCT-AU Pathology Mapping Tool is to provide an efficient mechanism to allow users to map their local terms to concepts in the SCT-AU reference sets.

It includes the functionality to import local test terms into the tool, map them to relevant concepts in the SCT-AU reference sets and export the mapped results to a spreadsheet. To facilitate feedback on the terminology reference sets back to NEHTA, please send the spreadsheet to pathology@nehta.gov.au.

The SCT-AU Pathology Mapping tool User Guide details the various functionalities of the tool and explains the mapping process.

This tool contains the following reference sets from the July 2008 SNOMED CT International Release:

- Pathology Request Test Name Reference Set
- Pathology Result Test Name Reference Set
- Pathology Specimen Qualifier Reference Set
- Pathology Specimen Type Reference Set
- Pathology Specimen Anatomical Site Reference Set
- Pathology Testing Method Reference Set

File Details:

Current version date	Filename details
31 October 2008	NEHTA_0290_2008_SCT_AU_Pathology_Mapping_Tool_20081031.zip This file is found on the NEHTA website ³ .