



Welcome to the thirteenth issue of PITUS Update. The Project provides regular updates on the progress of the Pathology Information Terminology and Units Standardisation (PITUS) project through this newsletter.

PITUS 18-20 Working Group Activity

01 February - 30 June 2020

Working Group	Total Meetings	Total Members
Wg1 Evaluation & Promotion	19	23
Wg2 Terminology Development Chemical Pathology	20	26
Wg2 Terminology Development Haematology	7	12
Wg2 Terminology Development Immunopathology	10	10
Wg2 Terminology Development Serology / Microbiology / Molecular	11	14
Wg3 Systems Design & Compliance	19	23
Wg4 SPRC Infostructure & Conformance	18	28
Wg5 Report Standardisation	23	28

PITUS Working Group monthly updates

[March 2020](#)

[April and May 2020](#)

[June 2020](#)

Working Group 2 – Terminology Reference Set Development continues to make substantial progress with the review and approval of pathology terms for requesting (SNOMED-CT) and reporting (LOINC):

Discipline	LOINC Terms reviewed as at 30 June 2020	LOINC Terms approved as at 30 June 2020
Chem Path	600	372
Haem / TM	110	45
Immunopath	137	111
Sero / Micro / Mol Bio	272	133
Totals	1119	661

Discipline	SNOMED-CT Terms reviewed as at 30 June 2020	SNOMED-CT Terms approved as at 30 June 2020
Chem Path	30	24
Haem / TM	133	54
Immunopath	268	252
Sero / Micro / Mol Bio	272	68
Totals	703	398

SPIA Exemplar Reports Set

The SPIA Exemplar Reports were developed to provide laboratory staff and vendors with visual examples of SPIA compliant reports for a range of disciplines. HL7 messages are being created to accompany each report; when complete they will be published along with the SPIA Exemplar Report set at:

<https://www.rcpa.edu.au/Library/Practising-Pathology/PTIS/PITUS-18-20/Supplementary>



COVID-19 requesting and reporting terminology

The RCPA has endorsed use of the following COVID-19 terms for all Australian laboratories as at 15 July 2020:



Pathology Information Terminology and Units Standardisation



PITUS WG2 Terminology Development - Microbiology Serology Molecular Biology RCPA Endorsed COVID-19 terms for Australian laboratories 15 July 2020

COVID-19 Requesting terms

SNOMED-CT code	RCPA SPIA Preferred term
1445431000168101	COVID-19 nucleic acid assay
1454651000168108	COVID-19 serology
1473741000168102	COVID-19 whole genome sequencing
1480481000168103	COVID-19 viral culture

COVID-19 Reporting terms

LOINC code	RCPA SPIA Preferred term	Method	Scale	Specimen
94762-2	Coronavirus SARS 2 total Ab	Immunoassay – ie EIA, CHIA, ELISA	Qualitative	Serum/Plasma
94562-6	Coronavirus SARS 2 IgA	Immunoassay – ie EIA, CHIA, ELISA	Qualitative	Serum/Plasma
94564-2	Coronavirus SARS 2 IgM	Immunoassay – ie EIA, CHIA, ELISA	Qualitative	Serum/Plasma
94563-4	Coronavirus SARS 2 IgG	Immunoassay – ie EIA, CHIA, ELISA	Qualitative	Serum/Plasma
95427-1	Coronavirus SARS 2 IgA	Immunofluorescence – ie IFAT, MIF	Quantitative (Titre)	Serum/Plasma
95428-9	Coronavirus SARS 2 IgM	Immunofluorescence – ie IFAT, MIF	Quantitative (Titre)	Serum/Plasma
95429-7	Coronavirus SARS 2 IgG	Immunofluorescence – ie IFAT, MIF	Quantitative (Titre)	Serum/Plasma
95410-7	Coronavirus SARS 2 Ab neutralisation	Virus Neutralisation–ie MNT, NT	Quantitative (Titre)	Serum/Plasma
94309-2	Coronavirus SARS 2 RNA	Probe with target amplification	Qualitative	Any
94746-5	Coronavirus SARS 2 RNA	Probe with target amplification	Quantitative (CT values)	Any
94764-8	Coronavirus SARS 2 whole genome	Sequencing	Nominal	Isolate/Specimen



HL7 Gender Harmony Project

HL7's Gender Harmony Project Feedback Survey is now open via <https://www.surveymonkey.ca/r/D3CBXH9>. Your input is requested on the proposed set of values when recording Gender Identity in clinical systems. There is likely to be some expectation of downstream adoption of the harmonised values coming out of this project in Australia at some future point in systems that implement HL7 standards such as FHIR and CDA.

National Clinical Terminology Service R4 migration

The National Clinical Terminology Service (NCTS) platform migration project is now complete, providing a FHIR R4 conformant endpoint. If you have any questions or issues on the process, please contact help@digitalhealth.gov.au or call 1300 901 001.

Diagnostic Report FHIR Implementation Guide 1.0.0

PITUS working groups have been contributing to HL7 Australian Pathology content for many years e.g. developing terminology content for use in pathology orders and reporting. This work is valuable and has put Australia ahead of the pack in standardisation that improves interoperability.

FHIR is a standard for health care data exchange, published by HL7®. [FHIR](#) combines the best features of HL7's [v2](#), [HL7 v3](#) and [CDA](#) product lines while leveraging the latest web standards and applying a tight focus on streamlined implementation processes. FHIR is the official successor to the other HL7 standards.

Stakeholder feedback is sought on a number of extant issues and queries on HL7 AU material and material in the Agency implementation guide. [Diagnostic Report 1.0.0 \(R4\) June 2020](#)



Webinar COVID-19 with Prof Bill Rawlinson, Director SESIAHS – 26 August 2020

Webinar Diagnostic FHIR Implementation Guide with David McKillop from ADHA – TBA

[Pathology Update 2021](#) 19-21 February 2021 at the Melbourne Convention Centre, Melbourne VIC