

Welcome to the fourteenth and final issue of PITUS Update for the PITUS 18-20 Project which highlights some of major activities undertaken by the Project since commencing in October 2018.

PITUS 18-20 Working Group Activity 15 October 2018 to 30 November 2020

Working Group	Total Meetings	Total Members
All working groups	1	107
Wg1 Evaluation & Promotion	21	23
Wg2 Terminology Development Chemical Pathology (including Blood Gases SMEs and Protein Electrophoresis subject matter expert meetings)	29	25
Wg2 Terminology Development Haematology	7	12
Wg2 Terminology Development Immunopathology	8	10
Wg2 Terminology Development Serology/Microbiology/Molecular	14	14
Wg3 Systems Design & Compliance	19	23
Wg4 SPRC Infostructure & Conformance	22	18
Wg5 Report Standardisation	31	28

PITUS Working Group monthly updates

[July 2020](#)

[August 2020](#)

[September and October 2020](#)

Working Group 2 – Terminology Reference Set Development has nearly completed the review and approval of pathology terms for requesting (SNOMED-CT) and reporting (LOINC) for the following disciplines:

Discipline	Total LOINC Terms reviewed as at 30 November 2020	Total LOINC Terms approved as at 30 November 2020
Chem Path	775	484
Haem / TM	110	45
Immunopath	177	148
Sero / Micro / Mol Bio	361	193
Totals	1423	870

Discipline	Total SNOMED-CT Terms reviewed as at 30 November 2020	Total SNOMED-CT Terms approved as at 30 November 2020
Chem Path	30	24
Haem / TM	133	54
Immunopath	316	297
Sero / Micro / Mol Bio	301	81
Totals	780	456

Major Project activities recently completed:

SPIA Exemplar Reports

The SPIA Exemplar Reports were developed to provide laboratory staff with visual representations of SPIA compliant reports for a range of disciplines with respect to report formatting. A suite of HL7 V2, CDA and FHIR messages have also been created for each report to assist software vendors with the design of SPIA compliant messages. Visit these resources on the [PITUS 18-20 website](#).



RCPA Endorsed SARS-CoV-2 terms

To assist laboratories with standardised requesting, reporting and analysing common terms for COVID-19 testing, a set of RCPA endorsed SARS-CoV-2 requesting and reporting terms was developed in collaboration with Microbiology, Serology, Virology and Molecular Biology experts. The current terms are available on the [PITUS 18-20 website](#).

RCPAQAP compliance audit

The RCPAQAP undertook a manual audit of Chemical Pathology (Urea Electrolytes and Creatinine - July 2019) and Serology (Hepatitis B surface Antibody - August 2020) reports aimed to establish compliance rates for dozens of report elements aligned with RCPA SPIA V3.0 recommendations. Overall, the highest compliance ratings were found with the display of patient identifiers on each report page (full name, sex, DOB) at 98% with the least compliant element being the display of date format (dd-mmm-yy) throughout the report at 34%. All participating laboratories were provided with a summary of their compliance report and further information as to how SPIA compliance could be improved.

RCPAQAP IEQA automated compliance testing

Members of WG4 collaborated with the RCPAQAP to establish and trial an Informatics Quality Assurance (IEQA) program for the RCPA Colorectal Protocol (3rd Edition). The aim is to assess the compliance of a structured pathology reporting message with standards published by HL7 Australia and RCPA which may be used to assist accrediting bodies such as NATA. Initial testing has highlighted many errors in sample HL7 V2 Colorectal structured pathology reporting messages utilised, but validation reports produced are comprehensive and will be of great value.

RCPA SPIA Blood Gas Terminology Reference Set V1.3

Working group 2 Chemical Pathology subject matter experts have developed a terminology reference set which can be used in conjunction with AACB Draft Guidelines: Harmonised Arterial and Venous Blood Gas Reference Intervals to drive the adoption of standardised blood gas and Point of Care Testing reports throughout Australia and New Zealand. Visit the [NCTS website](#) for access.

RCPA SPRC FHIR transformation

Five RCPA SPRC Protocols (Colorectal, Polypectomy, Endometrial, Cervical and Carcinoma of the Ovary, Fallopian Tube and Primary Peritoneal Site) have been transformed into FHIR resources and made available shortly via the [RCPA website](#). These resources will undergo review via a ballot process by HL7 Australia and HL7 International over the next few months prior to being released as Standards.



[Pathology Update 2021](#)

Re-cracking the code 02-04 July 2021, International Convention Centre, Sydney NSW



The PITUS 18-20 Project team would like to extend their deepest gratitude to the 107 pathologists, GPs, other clinicians, scientists, informaticians, subject matter and technical experts, RCPA Board members, administrative and project staff who contributed to the success of this round of PITUS and were responsible for its body of work.