HL7 Working Group Updates from the TSC for the week of December 9th, 2013

Approved Publications

HL7 Version 2.5.1 Implementation Guide: S&I Framework Laboratory Orders from EHR, Release 1 - US Realm for OO WG of SSD SD at Project Insight # 922 was approved for publication as DSTU for 24 months. The Laboratory Orders Interface Initiative focuses on identifying the requirements, specifications and standards, and on providing the implementation guidance for electronic ordering of laboratory tests in the US Realm. The scope of the Laboratory Orders Interface Use Case includes requirements to enable a particular implementation of Electronic Health Record System (EHR-S) to use standardized structured data in a defined inter-organizational laboratory transaction. The Use Case requirements are directed at laboratory test orders between an Ambulatory Provider’s EHR-S and a Laboratory’s Laboratory Information System (LIS). Future versions of this guide may harmonize with existing guides to extend interoperability of laboratory results across care settings, e.g., acute care.

HL7 Version 2 Implementation Guide: Laboratory Test Compendium Framework, Release 2 - US Realm, was approved for publication as DSTU for 12 months with the name "HL7 Version 2.5.1 Implementation Guide: S&I Framework Laboratory Test Compendium Framework, Release 2 - US Realm" at Project Insight # 973 for OO of SSD SD. The Version 2 Implementation Guide: Laboratory Test Compendium Framework, Release 2 is a master file framework Implementation Guide (IG) for the electronic delivery of a laboratory’s Directory of Service (eDOS) to all providers that order lab work including EHRs, HLIS, and others. This provides the mechanisms to provide initial Directory of Services and periodic updates leveraging the HL7 standard and electronic transmissions. This provides the Orderable Tests for a laboratory, the components, specimen information and description of what is provided including information needed from the patient that has an impact on the results of the test including specimen volume, fasting information, Date of birth and Last menstrual period to name a few. This document is a companion guide to the “HL7 Version 2.5.1 Implementation Guide: S&I Framework Laboratory Orders from EHR, Release 1 - US Realm”, referred to as the Laboratory Orders Interface Implementation Guide (LOI IG) and the “HL7 Version 2.5.1 Implementation Guide; Orders and Observations; Interoperable Laboratory Result Reporting to EHR (US Realm), Release 1” referred to as the Laboratory Result Interface IG (LRI IG).

HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 2 - US Realm for PHER WG of DESD at Project Insight # 737 was approved for publication as DSTU for 24 months. This implementation guide contains the necessary specifications for laboratory results reporting to local, state, territorial and federal health agencies including messaging content and dynamics related to the transmission of Reportable Laboratory Result Messages. The message described in this guide is not specific to any pathogen or reportable condition and is applicable for most biological and chemistry reportable laboratory observations. Each state and territory has requirements for laboratories to report certain findings to health officials. Authority to establish a list of reportable conditions and to specify the content of those reports resides with the individual public health jurisdiction. Reports made to Public Health come in two forms: case reports (not the subject of this guide), and laboratory reports. When a laboratory result is sent to public health, additional data is required to be sent along in the result message when compared to sending results back to the provider. This guide facilitate the inclusion of information necessary for public health reporting in the larger test order and result process between ordering providers/laboratories and performing laboratories to ensure that the data is available if and when it needs to be sent to Public Health.
**How to find TSC information**

The TSC wiki site houses its minutes, process documents, templates, links to the ArB wiki and the TSC Issue Tracker, a list of current projects, and more. You can access the TSC wiki at: [http://www.hl7.org/permalink/?TSCWiki](http://www.hl7.org/permalink/?TSCWiki). See the links below for instructions on how to view the list of projects and access the TSC Issue Tracker.

- TSC Tracker: [link to](http://gforge.hl7.org/gf/project/tsc/tracker/?action=TrackerItemBrowse&tracker_id=313)
- Project Insight Searchable Database: link to [http://www.hl7.org/permalink/?searchableProjectIndex](http://www.hl7.org/permalink/?searchableProjectIndex)
- Project List on GForge: link to [http://gforge.hl7.org/gf/project/tsc/frs/?action=FrsReleaseBrowse&frs_package_id=98](http://gforge.hl7.org/gf/project/tsc/frs/?action=FrsReleaseBrowse&frs_package_id=98)
- Project Insight: link to [http://www.hl7.org/permalink/?ProjectInsight](http://www.hl7.org/permalink/?ProjectInsight), (requires PMO-assigned log in credentials)
- Project Insight: link to [http://www.hl7.org/permalink/?ProjectInsight](http://www.hl7.org/permalink/?ProjectInsight), (requires PMO-assigned log in credentials)