HL7 Immunization User Group Meeting
5/8/2014

Meeting #2

Recap purpose for meeting and scope – Nathan

Kim not able to attend today.

Charter and Purpose –

User group - how to implement and use the standards that are developed by work group.

Meeting schedule and membership. Can apply for special membership if you are not part of AIRA or HL7.

HL7 Work Group Meeting – recap

   Interest is increasing

   HL7 V2: version 2.9

   FHIR to connect to an IZ forecaster

   Alignment of medications and immunizations

   Conformance testing

   Our UG is the pilot group

PHER work group – recap

   Meet every other Thurs at 4pm

SISC – Mary Beth Kurilo

   One of 4 committees at AIRA. Meet monthly.

   Drafted comments for Voluntary 2015 Edition EHR Certification Criteria Proposed Rules

   HL7 version 1.5 Implementation Guide comments closed April 28

   Getting comments incorporated into a final product

   Companion piece for identifying provider organization relationships
Survey to see how funding source and VFC eligibility are recorded. How this supports vaccine accountability and decrementing from inventory. This will be used to develop best practices. Draft of the survey will be discussed during next monthly meeting (5/28 1pm EST).

Robert Snelick from NIST –

NIST Immunization Validation tool

Can access through healthcare.nist.gov

See Rob’s powerpoint for more information.

Overview of test tool. Can download .war files and load locally. See info on Documentation tab.

Can use Message Tree on left menu to find where information is in the message (RXA-1)

“Documentation” has test cases, resource documentation, validation tool download, etc.

Context-based validation – based on test story. Allows us to test conditional and RE data elements.

Their system tests for the presence of the data, but not the content for configurable and system generated data. If in IG fixed data, then validate for the presence and data content.

Profile Viewer demo.

Alison – what is the difference between NIST and DQA tool?

Nathan – DQA works like an IIS

This is what IIS has to conform to

Testing is highly correlated.

Can web server be used to do transport testing?

Don’t think it can do that, since this is cut and paste.

Can it be enhanced to do so?

Always looking to expand the capabilities.

Contraindications tested?

Only varicella history at this time

Nathan – Current Gaps and Issues
Gaps seen in the standards?

What areas do you have questions on?

Are there items that have been problematic?

Documents around best practices – MIROW guides, CDC guidance, HL7 v2, CDC IG, CDC Code Sets, CDC SOAP Web Services.

Gap appears to be “Functional Standards” – specific responsibilities and functionality of systems without reference to details in the messaging standard.

Tracking website on Google Groups

Nathan is using to track issues submitted.

Either place on Wiki page or send them in as questions via email.

Still trying to wrap and pull most of the info in and get answers for the questions that have come in.

Questions:

Mary Beth – likes the idea of the web site. Where does the Functional standards fit in with CDC functional standards?

What do you do with this? Process to follow how the data is collected and used in the EHR then transmitted to the IIS.

MB – maybe need to rename one or the other – confusion between the two. Nathan borrowed the language from NIST.

Noam – it is worth adding IIS/CDC Functional Standards on the Guidance page.

Project he’s working on – certification of EHR’s for IZ functionality. A set of artifacts will come out of this. His advice is to wait to see what comes from that project.

List on spreadsheet – are these amongst the CDC functional standards list? Nathan said these could already be on the FS listing. Maybe not handled well, but appear to be gaps at the bottom of the slide (resources).

MB – Another level of guidance to consider might be the IIS Functional Requirements, published September 2012 by PHII as an outcome of a subject matter expert group that met to define and document IIS business processes (Link from MB: http://www.phii.org/sites/default/files/resource/pdfs/IIS%20FINAL%2010302012.pdf)

The level of detail and depth is greater with the functions on Nathan’s list, but we should think about how these different levels of guidance and standards coordinate with one another. At one point, PHII was going to create a document that explained how MIROW Best Practice Guidance, IIS Functional
Requirements, and IIS Functional Standards harmonize with each other – MB will follow up to see if this exists.

Nathan will start sending messages regarding questions that were sent. Add any issues that you have. Want to get answers correlated and placed somewhere. Essentially this might become a FAQ location for us all to use.

Examples of questions submitted so far:

Non-specific vaccination date entry – IIS needs a real date but EHR allows for it (month & year).

Matching patients – standard?

VFC requirements

Newborn Baby names

Corrections of vaccination record (delete and resubmit or correct?)

Next call:

6/12-14 @ 2pm EDT

Forward questions, etc. to Nathan.Bunker@gmail.com or post to Wiki. Nathan will send the Wiki link in electronic format for everyone in a follow up email after today’s meeting.