20170721\_HL7\_LIVD\_Notes

Attendees: Hans, Riki, Ed, Mike, Joseph, Rob H, Andrea (phone only)

Hans’ slides

last week we reviewed the attributes that change based on the LOINC it is mapped to

vendor specimen description, vendor result description and vendor comment will change across mappings for the same vendor analyte code

conceptMap – identifier may not be needed, since we are including the conceptMap profile instances in that context

ConceptMap.status –not sure we need this on the individual maps – it depends on how we are viewing the publication – at this point LIVD was intended to always be a full replacement – does the new catalog need to identify any changes made in the catalog?

ConceptMap is at device level as 1:1 map and for each of the analyte and LOINC codes then have many conceptMaps

LOINC code replacement does not seem to happen for the type of tests we are mapping here – more common may be that new mappings are added

LOINC descriptions may be changing due to editorial changes, while the code has not changed

But all FHIR resources require a status – so can set to active as default in this setting

If the conceptMap is ALWAYS in the bundle and does not be queried separately then no need for ConceptMap.source and target

ConceptMap.group.source – must have the known code system reference

ConceptMap.group.sourceVersion – must have, so we can find the right code system – this does not mean that the vendor code systems have to be published BUT we have to be able to link to the coding system to have access to the names and some other attributes, that have no place in the ConceptMap resource that we want to include that

Vendors may not have management of versioning, but within their system they keep track of changes, version that is used in this resource may be static, depending on the

Target and targetVersion is similar for the LOINC and its version – for LOINC the meaning of the codes does not change, so for most cases the LOINC version is not as important, as the meaning of the code is stable, BUT the longname description may change

Where to place:

Vendor specimen description = required

Vendor result description = required

Vendor comment = optional

These are attributes that drive the mapping, besides the code

When specimen is plasm and result is substance concentration, then you use THIS SPECIFIC LOINC

Reviewing “depends on” attribute and build an extension there

Or extension directly on the ConceptMap.group.target.specimenDescription?

DependsOn extension for criterion, which is string and can have 3 different criterions

Criterion = value

and criterion type, where type lists specimen description, result description or comment

CodeSystem

Is CodeSystem resource already profiled for LOINC? Yes = http://build.fhir.org/loinc.html

Hans is out for next 3 weeks, Riki can take over, if desired; so next call will be 8/18

Will be tackling bundle / composition then and then how to add documentation into FHIR