20171103\_LVID\_Notes

Attendees: Mike, Andrea, Thomas Rauso, Riki, Dan, Hans, Mark Shaerer, Ron van Duyne, Rob H,

Hans slides

IICC defined the format to use for sharing appropriate LOINCs for use of their test kits – in json format for human readable consumption, so now we are using these requirements to create FHIR resources here.

ConceptMap.Uri: cardinality 0..1 = have listed as maybe in future

Do we need a reference to a value set? No

ConceptMap.status: Cardinality = 1..1 - constrain to ‘active’ – would we need to track inactive conceptMaps in new publication? How to note, when instrument withdrawn, or when kit recalled, or when publishing a kit that will be released in the next month etc? This is the collection of all the mappings, not an individual one – so maybe when we support dynamic updates rather than the data dump we currently envision

Main status is active, but not constrain right now, but we really don’t have good definitions for the other statuses – prefer to leave open for now – check with Ed?

Mike and Thomas prefer to leave it open

ConceptMap.description: cardinality 0..1 to allow folks to add some more information about this intended mapping use

ConceptMap.sourceUri: cardinality 0..1 – keep for future use – doesn’t this come from the manufacturer – doesn’t that refer to the list of all the tests that are being mapped - get an explanation from vocab about the difference between ConceptMap.sourceUri vs ConceptMap.group.sourceUri – asking Rob H: he will need to double check, for now leaning to making it 0..0

ConceptMap.group: cardinality 1..\* or 1..1

ConceptMap.group.source [Uri] = cardinality 1..1 = code system of IVD vendor that is applicable for that device this ConceptMap resource is applicable to; this would be the link to all the information (analyte name, refID other attributes are defined here) that helps identify which properties for the LOINC to consider

ConceptMap.group.sourceVersion = cardinality 0..1

ConceptMap.group.target = cardinality 1..1 = LOINC

ConceptMap.group.targetVersion = cardinality 1..1 – this assumes that all LOINCs comes from the same version (how would we deal with deprecated and discouraged LOINCs / example: LOINC#A was active, but in now is deprecated – what if the manufacturer wants to use this code along with all the newer LOINCs – deprecated LOINC should NOT be used – will need to see what the map to code is for that and encourage the vendor to

Also need to discuss how to handle discouraged and trial LOINCs, but that is out of scope for this project, but certainly important; LOINC is working on unambigious mapping guide

CLIAC meeting had a good example of use of discouraged LOINCs across the country

Hans has issues with the last weeks file – added extensions to point to device from ConceptMap and ?- recursive error = the problem file is the 10/27 version – Rob to take a look