**OMOP Coded field Assignment Groups - updated 8Nov21**

*(Was: provision / publishing OMOP terminologies into the FHIR ecosystem in 1Nov21 meeting agenda)*

**1a) OMOP CDM Terminology Classes**

*Requires Harmonization to FHIR specification resources – will be a cooperative effort with the OMOP-on-FHIR CDM Subgroup*

*Action item:  Split these into two groups - objects & metadata*

|  |  |  |  |
| --- | --- | --- | --- |
| Concept Class | Ethnicity | Plan | Visit |
| Condition Status | Gender | Plan Stop Reason | Vocabulary |
| Cost | Metadata | Relationship |  |
| Domain | OMOP Standardized Vocabularies (None) | Sponsor |  |
| Episode | OMOP Extension | ***CDM - moved from (3)*** |  |

**1b) OMOP CDM-supporting Value sets**

*Require enumeration as a Secondary component of detailed CDM harmonization*

|  |  |  |  |
| --- | --- | --- | --- |
| Cohort Type | Death Type | Meas Type | Observation Type |
| Condition Type | Device Type | Note Type | Procedure Type |
| Cost Type | Drug Type | Obs Period Type | Visit Type  ***Type Concept - moved from 1(a)*** |

**2a) OMOP External Vocabularies with HL7 Identifiers**

*Requires validation that assigned identifiers are*

* *aligned with THO /* [*fhir.tx.org*](http://fhir.tx.org)
* *versions consistent with OMOP Vocabulary maintenance cycles*

|  |  |  |  |
| --- | --- | --- | --- |
| Medicare Specialty | CPT4 | NDC | ICD10CM |
| NUCC | Race | ATC | SNOMED |
| Currency | HCPCS | UCUM |  |
| LOINC | ICD9CM | RxNorm |  |

**2b) OMOP External Vocabularies / content without HL7 identifiers**

* *Establish with OMOP CDM WG: utilization of each is bound to a specific external terminology version or whether it is maintained / updated to the newest version*
* *Reclassify as a Value Set (not a terminology) as appropriate*
* *Engage HTA outreach process seeking to establish HL7 identifiers for each*

|  |  |  |  |
| --- | --- | --- | --- |
| ABMS | SPL | UB04 Typ bill | UB04 Pri Typ of Adm |
| ICD9Proc | Revenue Code | US Census | UB04 Point of Origin |
| CMS Place of Service | PHDSC | OSM | UB04 Pt dis status |

**3) Hybrid External Terminology / OMOP CDM Terminologies**

1. Case-by-case review of the OMOP utilization / maintenance process
2. Identifier management aligned with discovery in (3.a) & CDM harmonization results (2.b.1) above

|  |  |
| --- | --- |
| Cancer Modifier | ***RxNorm Extension - goes under OHDSI OID***  ***Korean Revenue Code - goes under OHDSI OID*** |
| OMOP Extension |  |