## Care Site

**CS.02**: **“NOT READY”** Place\_of\_Service\_concept\_id - Clean up, make international - Currently CMS US based

Owner: Hanieh Razzaghi/Peter Rijnbeek

**Proposal: Add NUCC codes to concept table. (Need to understand conventions and hierarchy.)**

**Forum proposal: Visit vs Place of service**

<http://forums.ohdsi.org/t/visit-vs-place-of-service/4006>

Clair: Addressed?

Melanie: Multiple standard concepts for same concept. Work in progress on Place of Service/Visit – Melanie’s proposal (US based) – Gowtham Rao working on it.

**CS.03**: **“NOT DISCUSSED/NO HOMEWORK”** Multiple addresses per provider and more than one is most frequently occurring with no dates to determine most recent.

Owner: Ron Stewart

**Proposal: Consult with source data vendor.**

Tom: Keep multiple addresses. Location history table can handle multiple addresses for same location ID. Provider in multiple care sites are assigned different provider IDs**. ADDRESSED.**

**CS.04**: **“NOT DISCUSSED/NO HOMEWORK”** Place of Service when different in facility and professional claims.

Example: Doctor comes to hospital. Bill shows his office address but place of service is hospital. Billing address different from actual site where patient was.

Owner: Ron Stewart

**Proposal: Handled in visit-detail 5.3 table.**

<https://github.com/OHDSI/CommonDataModel/issues/153>

Clair: Location history table can handle multiple addresses for same location ID. Provider in multiple care sites are assigned different provider IDs**. ADDRESSED.**

Cs 03 AND 04: Require deeper nuanced discussion on how to handle, but not a priority now. Bring up in a discussion when Ron is present. **Tom: Well discussed, make a priority. Follow up with Ron**

**CS.05**: **“NOT DISCUSSED/NO HOMEWORK”** Ron Stewart - Variable indicating data quality is suspect!!! Current practice is to exclude care site. Source CPRD

Owner: Ron Stewart

Proposal: Drop provided the impact to overall volume of data is not impacted.

Next step: Investigate on forum.

Tom: Reach out to Ron and confirm how issue is defined.

## Death - **ALL ISSUES ADDRESSED**

Forum Post: <https://github.com/OHDSI/CommonDataModel/wiki/DEATH>

**D.01**: Indirect, direct (immediate cause), and origin – ADDRESSED IN CDM V. 6

Owner: Tom Galia

**Proposal: Need clarification/recommendation**

**D.02**: Multiple records - same day **Ratified** <https://github.com/OHDSI/Themis/issues/5> ADDRESSED IN CDM V. 6

**D.03**: Multiple records - different day **Ratified** <https://github.com/OHDSI/Themis/issues/5> ADDRESSED IN CDM V. 6

**D.04**: Events after death ADDRESSED IN CDM V. 6: If any clinical activity 60 days after death, date of death is potentially incorrect/invalid. If true events after death, e.g. referencing EMR, keep and use. Define more clearly and add to convention. THEMIS 2 – Erica will put in ticket: <https://github.com/OHDSI/Themis/issues/42>

Owner: Tom Galia

**Proposal: Grace period/event count with threshold/Move death date/Move event dates/remove/relegate to History of**

**Rule can stay ambiguous because each source can be different.**

**D.05**: Privacy rules for suppression **Ratified** <https://github.com/OHDSI/Themis/issues/21>

## Person – **ALL ISSUES ADDRESSED**

**P.01**: **Ratified** Birth year after the database ends <https://github.com/OHDSI/Themis/issues/9>

Vojtech: Convention needed for metadata table, database end specifically.

**P.02**: **Ratified** Glean month if birth absent e.g. from Observation Period starting same year <https://github.com/OHDSI/Themis/issues/30>

**P.03**: **Ratified** Internal IQVIA and other entity rules say no <2 and >85. Rules vary between orgs. <https://github.com/OHDSI/Themis/issues/21>

**P.04**: **Ratified** Gender vs Sex <https://github.com/OHDSI/Themis/issues/32>

**P.05**: **Ratified** Multiple genders <https://github.com/OHDSI/Themis/issues/34>

**P.06**: **Ratified** Multiple ethnicities <https://github.com/OHDSI/Themis/issues/34>

**P.07**: **Ratified** Multiple races <https://github.com/OHDSI/Themis/issues/34>

**P.09**: **Ratified** Person without no transaction records besides observation\_period/… <https://github.com/OHDSI/Themis/issues/35>

**P.10**: **Ratified** Primary provider unknown <https://github.com/OHDSI/Themis/issues/36>

**P.11** Variable in data indicating data quality is suspect!!! Current practice is to exclude person.

Owner: Ron Stewart

**Proposal: Drop**

Suggestion Erica Voss: Let value of research drive some of these value based decisions. Keeping in mind the end result of OMOP is aggregated data research. Let amount of records or impact of losing them help guide decision.

## Provider

**P.02**: More than one provider of hospitalization, in charge, general, specialist, prescription

Owner:

Current practice: Business/Data owner recommends how/why to choose from multiple providers.

**Proposal: New 5.3 CDM visit\_detail table may solve this issue.**

**P.03**: Multiple care sites through visit

Current practice: Business/Data owner recommends how/why to choose from multiple providers.

Owner:

**Proposal: New 5.3 CDM visit\_detail table may solve this issue. (see above)**

Visit detail table solving any of these two? Visit convention #8,9 addresses these two issues. (Visit child records for each vist) **ADDRESSED**.

**P.04**: No Care Sites (care\_site\_id)

**Proposal: Not a required field. Not an issue.**

**P.05**: NPI with multiple names

Detail: What happens if one NPI# could describe a group of providers. Example one NPI describes 20 nurses working at a clinic.

**Proposal: These do exist in source data. Include**

Multiple roles and people associated with same NPI.

Melanie: In EHR data multiple people use same NPI. No problem in this.

**Erica: Provider table contains IDs. Add a convention.**

Placeholder: <https://github.com/OHDSI/Themis/issues/44>

**P.06** Multiple specialties (Hot topic for Themis)

Owner: Melanie Philofsk

**Proposal: Strong support for multiple entries with flag/pick**

Challenge this convention:

A single Provider cannot be listed twice (be duplicated) in the table. If a Provider has more than one Specialty, the main or most often exerted specialty should be recorded.

**Clair, Erica: Current convention above. Continue discussion and keep on priority list.** <https://github.com/OHDSI/Themis/issues/43>

**P.07** Specialty & Add Clinical Title (MD, NP, PA, etc) (Hot topic for Themis)

Owner: Melanie Philofsk

**Proposal: Add field to provider table. (Melanie Philofsk has posted on forum.)**

<http://forums.ohdsi.org/t/provider-specialty-code-set-clean-up/3888>

Melanie: Mui had list with issue status/progress flag. Silvia will follow up with Mui on this list.

**Work underway on clinician titles – Melanie to reach out and find out from Gowtham Rao.**

**P.08**: Non-Individuals (typically locations) in provider table

Owner: Tom Galia

Forum Post: <http://forums.ohdsi.org/t/potential-for-non-individuals-in-the-provider-table/3776/9>

Suggestion/Question for Themis: When a provider describes a person with a specialty but does not have identifying information, consider entering that into provider table. Example: From Charles Bailey: "Orthopaedics Physical Therapy Provider" may be meaningful.

Convention allows for individual and group providers. Gender concept required – restricts providers to individuals. Relaxing gender concept rules can accommodate group/non-individual providers. Placeholder: <https://github.com/OHDSI/Themis/issues/45>

## Location (Hot topic for Themis) – **Consider done/almost complete for now; potential changes may happen depending on how location history table is used.**

**L.01** Time-changing

**Proposal: WG Group Need clarification/recommendation**

**L.02**: Representation of region

**Proposal:Develop guideline - Complex topic**

Robert Miller

**Clair: Regions do not roll up consistently, e.g. inconsistent definitions of region and levels – rejected.**

**L.03**: Change table to accommodate international addresses/locations.

Forum: http://forums.ohdsi.org/t/themis-topic-location-table-non-u-s-address-locations/3828

Owner: Robert Miller

**Proposal: Find commonly accepted standards used in other applications. Involve Chan?**

**Clair: Changes accommodated already; region TBD; ZIP expanded/extended to accommodate postal code.**

**L.04**: Adding coordinates

Forum: http://forums.ohdsi.org/t/themis-topic-location-table-non-u-s-address-locations/3828

**Proposal: Support for this on forum.**

Robert Miller

**Clair: Addressed/added**

**L.05**: Location over time

**Proposal: Need clarification/recommendation**

Robert Miller

**Clair: Addressed**