



Functional & Cognitive Status Combined Subgroup Meeting

Time: Wednesday, December 4, 2019, 1:30 pm - 3:00 pm EST

Location: WebEx Meeting

Dial-in: 1-877-267-1577

Meeting ID: 998 544 485

PACIO Project Website: www.PACIOproject.org

PACIO Project GitHub: <https://github.com/paciowg/PACIO-Project>

This meeting is being recorded. In all discussions, members should be aware that meetings are recorded and include representatives of companies that may compete with one another in the marketplace. This working group is a public forum and therefore all information shared will be publicly available.

Summary

- 1) Functional Status: Mapping Discussion** (Chris P., Brightree) (35 mins)
 - Follow up on mapping
 - Group continued mapping discussion
 1. Cardinality: how many times you can use the different elements of the resource within a given profile.
 2. The spreadsheet identifies in yellow when the cardinality changed in the resource.
 3. Concerns were raised regarding devices
 - There is a limitation in FHIR that prevents the option for 0 to many (0*).
 - There are many patients with multiple devices, of which would require a multiple observation option.
 - Concern this is not ideal, since it will be very messy
 - The group reaching out to the observation resource group to update this limitation in the next FHIR release.
 - Device: being limited as is, to use based on, to use another reference field for cardinality, or to have an extension.
 - Each question that makes up the observation is another question in the component field. The group discussed updating this, so each question is its own component field.
 1. Potentially making multiple observations in one resource.
 - Concerns were raised that the group was not thinking about device



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in the right source.

1. Devices not used by the patient, rather resources are the devices generated by the data.
- For the January connectathon, the implementation guide may not include multiple devices, as it only a draft.
 1. Working group should further discuss the device use statement and the mapping language.
- The tech team will review and try to include device in another field and will proceed with an extension.

2) Technical Team Update (Dave H., MITRE) (10 mins)

- MITRE provided an update on the current deliverables
 - The draft FHIR mapping is complete, although changes will still be incorporated as necessary.
 - Working on developing sample data for the use case, to help provide context to populate the server. This will be the base for the entire connectathon.
 - Developing the implementation guide (IG) and reference IG for cognitive and functional status groups.
 1. MITRE is working on incorporating the mappings that Chris and Rob put together into the IG.
 - Developing 3 tracks for the connectathon: CMS Data Element Library, Functional Status, and Cognitive Status
 1. Requested group to sign up to participate for one of the tracks
 2. The connectathon is posted on the confluence site; users can view the various tracks that will be held at the event.
 - Track orientation webinar will be held on Dec 16, to review the reference IG.
- Siama provided an overview of the sample data spreadsheet.
 - Refer to “2019-03-2019_PACIO_Connectathon_Sample_Data 12-4-19 LA.xlsx”
 - Testing CAM and mobility with clinical team

3) Upcoming Convening Opportunities:

- January 7- 8: CMS Connectathon (PAC track), Baltimore

4) CMS Updates (Beth C; CMS) (10 mins)

- Listserv inclusion
- LOINC update
 - CMS is working with Regenstrief for the next generation LOINC codes

5) Cognitive Status: Modeling of Resources (Rob S., ESAC) (35 mins)

- Review ELTSS Resources



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- Rob reviewed the ELTSS resources, focusing on the highlighted terms in question
 1. Cognitive status-parent
 - Example devices for cognitive status should include glasses and hearing aids, or a communication device such as a book or a card.
 2. Code: LOINC preferred or required?
 - Bind to a generic code to describe cognitive status
 3. Effective: intended to describe a period to reflect the first and last cognitive assessment
 4. Performer: reference—practitioner and role—care team
 5. Interpretation: may need to expand value set. Critical information is further assessment is needed, improved, declined, stay the same
 - If there is an interpretation it must support
 6. Derived from: group agrees
- Review draft Implementation Guide
 - Tim reviewed the Cognitive Status IG
 - The IG was mapped to observation. Several items still need additional work to determine if they will be 'required' as well.
 - There are two profiles: bundled cognitive status—parent observation and cognitive status—single observation
 - Users have the ability to see view the differences between bundled cognitive status and cognitive status observations
 - The Cognitive Status IG is very similar to the Functional Status IG
 - MITRE will send out links to the IG for additional feedback

6) Next Meeting:

- Wednesday, December 11, 2019, 1.30 pm – 3 pm EST

7) Adjourn