



Functional & Cognitive Status Combined Subgroup Meeting

Time: Wednesday, June 24, 2020, 1:30 pm - 3:00 pm EST

Location: ZoomGov Meeting

Meeting ID: 161 771 8677

Meeting Password: 021942

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) **Behavioral Health** (Melissa T., CounterPoint Health Services) (30 mins)
 - Guest speaker, Melissa Tanner, provided an overview of the following behavioral health assessments:
 - The Patient Health Questionnaire-9 (PHQ-9)
 - Cornell Scale for Depression in Dementia (CSDD)
 - Geriatric Depression Scale- Short Form (GDS-SF)
 - Beck Depression Inventory- II (BDI-II)
 - Brief Anxiety and Depression Scale- Depression Factor (BADSD)
 - Center for Epidemiologic Studies Depression Scale (CES-D-10)
 - The group discussed potentially supporting the behavioral health assessments as part of the Cognitive Status Implementation Guide (IG).
 - All the behavioral health assessments are publicly available, except for the BADSD. However, the BADSD has a crosswalk table available to translate scores to the PHQ-9 equivalent. PACIO will determine if the behavioral health assessments have associated Logical Observation Identifiers Names and Codes (LOINC) or Systematized Nomenclature of Medicine (SNOMED) codes.
 - The group raised concerns that PACIO should not decide which assessment data is necessary to exchange.
 - The group agreed PACIO should consider including the behavioral health assessments in the Cognitive Status IG as examples of what information could be captured. PACIO should also consider including language in the IG to clarify this is not an exhaustive list of assessments.



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- One PACIO member recommended PACIO reach out to AMDA—The Society for Post-Acute and Long-Term Care Medicine for feedback on including the behavioral health assessments in the Cognitive Status IG.

2) Leadership Update (Dave H. and Sean M., MITRE) (15 mins)

- HL7 FHIR Dev Days occurred virtually June 15, 2020–June 18, 2020, with 750 attendees from 27 countries.
- HL7 FHIR Dev Days conference focused on FHIR development, education sessions, FHIR community updates, “build it” sessions, and other topical sessions.
- As part of the Community Update track representatives of the PACIO Project presented a brief background on The IMPACT Act, PACIO Project, and results from the May 2020 Connectathon.
- Next Steps for PACIO
 - Substantive changes to the Implementation Guide (IG) need to be completed prior to July 5th, to prepare for balloting for Standard for Trial Use 1 (STU1).
 - The FHIR Management Group has approved both the Functional and Cognitive Status balloting proposals.
 - CMS and PACIO will be recording the virtual HIMSS presentation on PACIO June 25, 2020.
 - PACIO will be presenting at the Health IT Connect conference July 9, 2020.
 - PACIO will be presenting at the CMS API Summit on July 13, 2020–July 15, 2020.

3) Cognitive Status (Caleb W., MITRE and Rob S., ESAC) (45 mins)

- MITRE provided an overview of the recent updates to the Cognitive Status IG.
- The group reviewed each of the profiles: CognitionQuestionnaireResponse, BundledCognitiveStatus, CognitiveStatus, PriorLevelofCognitiveFunction, and UseofDevice; and examples from the CognitionQuestionnaireResponse and BundledCognitiveStatus (Confusion Assessment Method (CAM) and Brief Interview for Mental Status (BIMS)) profile.
- The group discussed some of the issues within the Cognitive Status IG and proposed resolutions.
- PACIO developed a two-column display in the IG, to allow multiple answers for the same question.
- The PHQ-9 assessment contains two sets of the same question, under different grouping names. For the CognitionQuestionnaireResponse resource, PACIO will use the LOINC code nesting structure and add an explicit nesting structure to PHQ-9 QuestionnaireResponse resource instances.
 - The DEL will add the LOINC codes for the grouping names ‘Symptom Presence’ and ‘Symptom Frequency’.
- PACIO may consider using the component field for corresponding questions for the CognitiveStatus resource. This will facilitate the grouping of answers and questions in support of a side-by-side display.



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- The group discussed whether to use the only suitable LOINC code LP74248-3, for the PriorLevelofCognitiveProfile.
- The LOINC code's display name is 'Prior level of function' and is used for the PriorLevelofFunction profile in the Functional Status IG. The group agreed this will be confusing for users and recommended using a place holder for LP74248-3 in the Cognitive Status IG.
- Next Steps
 - Update the IG homepage to include contents on 'how to' and other helpful sections.
 - Update the Capability Statement to reflect the latest changes to the IG.
 - Construct a fuller set of profile sample data conforming to the IG for STU1 ballot.
- Patient's Highest Level of Education
 - PACIO will meet with the Gravity Project (Social Determinants of Health Work Group) on June30, 2020 to discuss how they are representing the Patient's Highest Level of Education in their IG.
 - PACIO may consider using LOINC codes to represent the highest level of education as a questionnaire response or an observation.
 - The group discussed whether to include the behavioral health assessments in the inclusive list of cognitive assessments. The group agreed it would be beneficial to review the list of behavioral assessments further, to see how PACIO may support them.
 - Rob will continue developing guidance and mockups for the Cognitive Status IG.

4) Upcoming Convening Opportunities

- Health IT Connect conference will be held on July 9, 2020
- Leading Age Summit will be held on September 13-15, 2020
 - https://www.leadingage.org/Collaborative_Care_HIT_Summit

5) Adjourn