



Monthly Meeting

Time: Wednesday, November 16, 2022, 10:00 am - 10:30 am EST

Location: ZoomGov Meeting

Meeting ID: 160 139 9549

PACIO Project Website: www.PACIOproject.org

PACIO Project HL7 Confluence: <https://confluence.hl7.org/display/PC/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) PACIO Monthly Meeting Resources

The presentation slides and audio recording are available on the PACIO Confluence page:

<https://confluence.hl7.org/pages/viewpage.action?pageId=86977192#MeetingIndex-2022MeetingAgendas,Materials,andMinutes>

2) PACIO Project Background (Dave Hill)

- Goal is for data to follow the post-acute care patient across the continuum of care.
 - Post-acute care patients have complex care journeys with many opportunities for information to fall through the cracks.
 - Medical providers are reliant on patient recall, which can be inaccurate, especially in stressful situations.
 - Results in poor outcomes, including inaccuracies in medications, repeating diagnostic tests.
- PACIO project created in February 2019. Collaborative effort between industry, government, consortiums, other stakeholders.
- PACIO project use cases:
 - The original Functional Status and Cognitive Status IGs have been published. Future content will be part of the Personal Functioning and Engagement IG.
 - Personal Functioning and Engagement (includes 3 observation-based PACIO implementation guides: Functional Status, Cognitive Status, SPLASCH) in ballot.
 - Advance Directives: two pronged approach. STU1 patient-authored information, STU2 practitioner-authored information.



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- Re-assessment Timepoints: published as STU1 standard.
- Quality Measures: under constant development.
- New PACIO website has been deployed to the public
 - <https://pacioproject.org/>
 - Same url as before.
 - New design with individual PACIO use case pages.
 - Many thanks to Brian Meshell!

3) Leadership Update and Review of Use Cases (Dave Hill)

- **Advance Directives (ADI)**
 - Maria Moen from AD Vault is use case lead.
 - Profile FHIR resources to represent AD content (living will, care preferences at end-of-life, durable medical power of attorney, etc.)
 - IG created to represent, query, exchange patients' goals, preferences, and priorities, especially if patients are unable to communicate for themselves.
 - Multi-tiered STU releases. Use cases (create, share, query, update, verify data) Content Type 1 is person-authored, Type 2 and 3 are practitioner-authored.
 - STU1 is content type 1 (person-authored)
 - STU2 is content type 3 (practitioner authored PMOLST) will be the focus of the PACIO track at the upcoming January 2023 Connectathon.
 - The ADI data structure is a fairly complex document. Sections include Patient Healthcare Agent (HCA), Goals Preferences & Priorities (GPP), etc. Within each section are profiles of FHIR resources that provide the content for the section.
 - Currently preparing PACIO ADI track for January 2023 Connectathon. Requesting participants. Planning meetings Thursdays 2:00-3:00 pm ET.
 - STU2 environmental scan. Continuing review of ePOLST CDA codes. National POLST form includes both narrative content and discrete coded data.
 - Promoted PACIO ADI work to the Coalition to Transform Advanced Care (C-TAC.)
 - STU1 block vote 3 reviewed 18 tickets during the weekly PACIO call. Approved by HL7 Patient Empowerment Work Group on October 20, 2022. There are 21 tickets left to resolve.
- **Personal Functioning and Engagement (PFE)**
 - MITRE is leading the development of this IG.
 - Replaces Cognitive Status, Functional Status, incorporates SPLASCH.
 - You can think of PFE as an STU2 version of cognitive and functional status (building on existing IGs, rather than creating something totally new.)



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- The PFE IG will be an innovation engine for future use cases. Instead of creating new IGs with profiles, we can add code systems and value sets to existing IG. Easier and more consistent for IG authors and client app implementers.
 - Defining health domains using ICF. Creating value sets to provide guidance for implementers.
 - Start with VSAC (value set authority center) tie various ICF categories to value sets.
 - Development strategy has two parts: PFE Implementation Guide, and PFE supplemental guide, which recommends value sets based on the observation category.
 - Work groups under PFE are cognitive and functional status, SPLASCH. Future use cases will be added.
 - Passed September 2022 ballot with 33 affirmative votes, 4 negative votes. Currently in ballot reconciliation.
 - Working on proposing a method of reducing the number of profiles required with various HL7 Work Groups. One possibility is to use the meta field to point to related profiles.
 - The PFE IG and supplemental guide provide the structure. The use cases (cognitive status, functional status, SPLASCH, future use cases) provide the content.
- **Functional / Cognitive Status Use Case (subcategory of PFE)**
- Clarice Grote (AOTA), Karl Naden (MITRE) are the use case leads.
 - Goal is to use FHIR to exchange cognitive and functional status data.
 - Discussing a number of topics including California initiatives around Home and Community-based Services (HCBS.)
 - Updating the cognitive and functional PFE domains (work in progress.)
 - Home Health to Primary Care Physician (PCP) communication
 - One barrier is the cost from EHRs to build new interfaces.
 - Currently using OASIS items. A challenge is that they provide information but not necessarily context. For this reason, MDS section GG may provide a better framework.
- **SPLASCH (subcategory of PFE)**
- Speech, Language, Swallowing, Cognitive Communication, Hearing
 - Inoka Tennakoon (ASHA) and Brian Meshell (MITRE) are the use case leads.
 - Goal is to use FHIR to exchange SPLASCH (speech, language, swallowing, cognitive communication, and hearing) data.
 - Expand the Jan 2022 use case and data flow diagram by adding scenes to the scenario: acute care hospital, inpatient rehab facility (IRF), skilled nursing facility (SNF), home health, assisted living.



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- Work backwards through Betsy's care journey, thinking about what information each setting of care would want transferred from previous setting.
- Next steps include brainstorming participants for pilot opportunities.

- **Re-Assessment Timepoints**

- Chris Pugliese from Brightree is use case lead.
- Re-Assessment Timepoint was created to break up long and potentially overlapping episodes of care between encounter and assessment.
- This makes data more manageable and easily searchable. Also, sometimes required by regulation (example: provide updated every 60 days.)
- Published STU1 IG on Sept 28, 2022. Congrats to the team!
- No need to work on next version of Re-Assessment Timepoints at this time.

4) **Recently Completed Events** (Dave Hill)

- **AMIA Conference Presentation**

- American Medical Informative Association (AMIA) annual symposium.
- November 5-9, 2022 in Washington DC.
- Goal was to promote PACIO's work to a new audience.
- PACIO gave panel presentation "The Future is Now: Enabling Greater Post-Acute Care Interoperability" on November 9, 2022 from 8:30 to 10:00 AM (Eastern)
- Good attendance, positive feedback, lots of follow-up opportunities.
- Many thanks to Lynda Hoeksema, Maria D. Moen, Matt Elrod, Chris Pugliese, and Jessica Skopac!

- **ACRM Annual Meeting (November 8-11, 2022)**

- American Congress of Rehabilitation Medicine (ACRM) conference in Chicago
- Clarice Grote attended, connected with leaders in rehab medicine, company CreateAbility, physicians and clinicians networking group.
- Rehab leaders may be interested in joining the PACIO effort.

5) **Upcoming Events** (Dave Hill)

- **January 2023 HL7 Connectathon and Work Group Meeting**

- Currently in-person in Henderson, NV
- Connectathon over the weekend January 14-15, 2023. PACIO will have an ADI track STU2 POLST exchange.
- Work Group meeting January 16-20, 2023
- Registration is open now.



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- Early bird registration deadline is December 16, 2022 (significantly reduced price.)

6) Walk on topics

- None.

7) Next Meeting

- Wednesday, December 16, 2022, 10:00 am – 10:30 am ET

8) Adjourn