The Future is Now: **Enabling Greater Post-Acute Care Interoperability**

Summary: Description of progress in the United States towards interoperability from the CMS sponsored PACIO Project for clinical concepts impacting Post-Acute Care (PAC) and other settings. Concepts include mental/cognitive status, functional status (including speech-language-cognitive communication-swallowing-hearing), advance care planning, and identification of reassessment timepoints to group information during data exchange.

Clarice Grote, MS, OTR/L¹, Jessica Skopac, PhD, JD, MA², Dave Hill², Roberta Brooks, MA, CCC-SLP³, Lorraine Wickiser, BA, RN, BSN, CPC-A⁴, Ashleigh Pristas MS, CCC-SLP, PNAP⁵, Michele Simler MS, CCC-SLP, FNAP⁶, Inoka Tennakoon, MS, CCC-SLP⁷, Joanne Wisely, MA, CCC-SLP, ACE, FNAP⁸, Tina Wilkins², Brian Meshell², Uba Backonia, PhD, MS, RN², Howard Capon, MPH, NRP² ¹ AOTA, Bethesda, MD & Amplify OT, Durham, NC; ²The MITRE Corporation, McLean, VA; ³Moss Rehab Hospital, Elkins Park, PA; ⁴Centers for Medicare & Medicaid Services, Baltimore, MD; ⁵Restore Therapy Services, Pelham, Alabama; 6Athletico, Oak Brook, Illinois; ⁷ASHA, Rockville, MD: ⁸Widener University, Chester, PA

Background

Why? Post Acute Care (PAC) Needs

After a hospitalization, CMS found 45% of Medicare beneficiaries required PAC services. Home Health Agencies (HHAs) and Skilled Nursing Facilities (SNFs) were the most utilized services. **PACIO Proiect**

Established February 2019, the PACIO Project is a collaborative effort between industry, government and other stakeholders, with the goal of establishing a framework for the development HL7® FHIR® implementation guides to facilitate health information exchange.

CMS Data Element Library (DEL)

The DEL is a centralized resource for CMS assessment data elements (e.g., questions and response options), and their related mappings to nationally accepted health IT standards.

https://del.cms.gov

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http://pacioproject.org

Findings & Implications

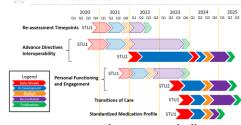
Our Approach

Data Exchange Using FHIR Standard

F – Fast (to design & implement) **Develop FHIR® Implementation** H – Healthcare Guides and Reference I – Interoperability Implementations validated by the R – Resources (building blocks) HL7® Community that EHR CMS PAC Assessments: vendors will build into their system Submitted Electronically LCDS, RAI-MDS, OASIS, IRF-Provide a standardized method of PAI, HIS, FASI exchanging health information across healthcare settings to be exchanged ACIO Meetings Connectathons Platform for members to provide input into the use cases, data models and Balloting Opportunity for vendors to test e client and/or server and doption rovide feedback oposing a standard that is lidated and accepted by HL articipants take the role of nmunity erver or client depending on he organization they repre To participate in a ballot, the group must strengthen their Connectathon is like a "test case by participating in itchen" where the mplementation Guide is a "recipe" that can be tested and refined by participants

What's Next?

PACIO Use Cases and Timelines



Long term challenges and opportunities:

- Healthcare ecosystem will need workflows and support for reconciling data from various contributors to determine the "source of truth"
- · Cross-collaboration and cross-pollination across the health eco-system

Share PACIO experience and promote

meaning across LOINC codes (in DEL)

Demonstrate through Proof of Concepts

Explore impact of consolidation of

(POC) working with implementers

through real data/real patient pilots

adoption of FHIR[®] standard

for similar clinical concepts

Resources

Project website http://pacioproject.org/

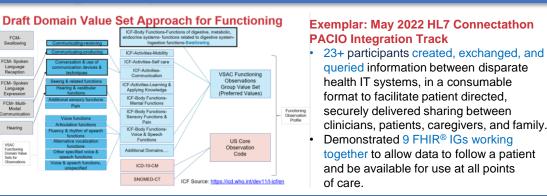
Email: info@PACIOproject.org

HL7 Confluence Page:

https://confluence.hl7.org/display/PC/PACIO+Project

GitHub: https://github.com/paciowg

YouTube: https://www.youtube.com/channel/UCcltfkAo 58B5gf2luiybg

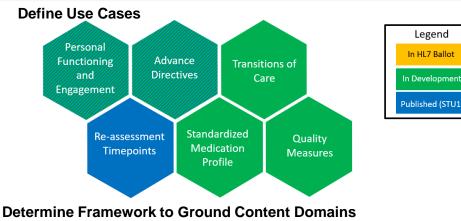


development of the FHIR

- Starting point for data content

EHR Vendors adopt the IG Adoption of the framework

Challenges



- Leverage Gravity Project's approach identifying specific domains to organize information exchange in PACIO's FHIR Implementation Guides (IGs)
- Domains grounded by the International Classification of Functioning, Disability and Health (ICF)



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