Care Planning Track

Track Highlights

Dave Carlson & Emma Jones

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Track Team Members

Track Leads

Dave Carlson, PhD, MBA
Solutions Architect

Emma Jones, MSN
FHIR IG Developer

Technical/SME

Gay Dolin, MSN
FHIR IG Developer

Sean Muir
App Developer

Track Support

Karen Bertodatti, MPH
Project Manager

Savanah Mueller, MPH
Project Analyst
Track Description

- Hosted by the Multiple Chronic Conditions (MCC) eCare Plan project.
- Continue testing of the MCC eCare plan FHIR IG, SMART on FHIR Apps (clinician- and patient-facing) and value sets defined for MCC clinical domains.
- Supports the development and exchange of FHIR-based care plans and applying evidence-based clinical practice guidelines at the point of care to create and share person-centered care plans and to manage their ongoing care.

For more background info visit: 2020-05 Care Coordination Track.
Track Goals

• **Demonstrate** the purpose of using goals in care planning, where goals may be created by any member of the care team, including patients and caregivers.

• **Explore:**
  - How care goals in practice can be both **clinically useful and interoperable**.
  - The **relationships** between a goal, the conditions and/or assessment observations that it addresses, and outcome observations that document goal progress.
  - The **clinical workflow feasibility** for creating FHIR Goal.description using coded terminology vs free text.
  - Examine the **clinical workflow and challenges** with creating measurable goals that reference specific codes, e.g. lab or vital sign LOINC code.

• **Evaluate:**
  - The use of **FHIR Goal** to capture and track SMART goals, i.e. Specific, Measurable, Achievable, Relevant, and Time-Bound.
  - Evaluate and **recommend updates** to existing **US Core Goal Search Parameters**.

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List of Participants

• A total of 48 participants joined the Care Planning Track, with 22 participants attending both days.
  – Attendance Sheet

• Clients/Servers:
  – Servers: FHIR sandboxes on MELD and Logica.
  – Clients: Patient App(s), MCC SMART on FHIR Provider App
Notable Achievements

- Had robust discussion around Goals from multiple tracks: Care Planning, Gravity, PACIO, US Core.
- Established intention to align approaches across IGs regarding number of profiles vs. value sets, including MCC eCare Plan, Gravity, and PACIO.
- Shared interest in developing CQL logic that uses IG value sets to classify data elements and provide decision support for patient-centered goal management.
- Completed demo of C-CDA to FHIR transformation tool with the MCC eCare provider application, using C-CDA exported from Epic.
- Identified collaboration points between relevant projects including PACIO, Gravity, NCQA, Patient Empowerment WG projects, and MCC eCare.
Notable Achievements

What will be shown

- Completed demo of C-CDA to FHIR transformation tool with the MCC eCare provider application
Notable Achievements Cont.

- Shared interest in developing CQL logic that uses IG value sets to classify data elements are provide decision support for patient-centered goal management.
Notable Achievements Cont.

- Had robust discussion around Goals from multiple tracks: Care Planning, Gravity, PACIO, US Core.
- Established intention to align approaches across IGs regarding number of profiles vs. value sets, including MCC eCare Plan, Gravity, and PACIO.
Discovered Issues / Questions

- No guidance for capturing and sharing a patient’s barriers or risks that block progress on a goal.
  - Use an Observation with ‘focus’ on a Goal?
  - Barriers for other care plan elements, e.g. medication adherence?
  - Generalize use of existing RiskAssessment resource?

- Requirement to capture and share prioritization ordering of goals - specific sequence, not only high/medium/low.
  - Goal prioritization sequence may be different for patient, caregiver, PCP, or specialists on a care team.
Moving Forward

- EMI to schedule cross-project meetings to continue discussion on goals i.e., Gravity, PACIO, MCC eCare.
- Emma will add a JIRA ticket to add extension for Barriers/Strengths (or protective factors). Will need to bring this up as a topic with FHIR-I to see if it can be added as a FHIR extension instead that can be used on more than just Goal resource. The discussion also need to consider Risk Assessment Resource and an option.
- Emma will add a JIRA ticket to add addresses is not one of the search parameters.
- Tentative plan for May Connectathon to focus on care interventions.
Questions?

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