Connectathon 29

MCC Care Planning Track Kickoff

Dave Carlson & Emma Jones
01/05/2022
Agenda

• Track Introduction
• Communication & Resources
• Report Out
MCC CARE PLANNING TRACK
INTRODUCTION
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**.
Scenarios

• **SDOH**
  – Coordinated testing with the [2022-01 US Core & ONC Standardized API Criterion Track](#) connectathon track to align definition and use of FHIR profiles for Goal, Condition, and screening Observations

• **Pain Management**
  – Patient's Goals and Barriers identified as part of Shared Decision Making (SDM) for chronic pain management with emphasis on goals as expressed by a patient

• **Diabetes Diet**
  – Tracking Goal progress and documenting patient barriers to goal achievement
SDOH Scenario

1. Patricia Noelle completed the Hunger Vital Sign questionnaire which identified a risk for food insecurity.
   a. An SDoH Screening Response Observation resource is created.

2. An SDoH Condition is created that refers to the screening response as its evidence.

3. An SDoH Goal is created and saved in and EHR system to provide Patricia with access to community food resources. This goal "addresses" the food insecurity Condition.

4. Both patient and provider-facing SMART on FHIR applications display the assessment observation, condition, and the goal for Patricia as part of her MCC Care Plan, plus the relationships between these resources.

A FHIR Bundle containing all of these SDoH scenario resources for Patricia Noelle is available on GitHub and also loaded into our track's FHIR sandbox.

- FHIR Sandbox, open endpoint: [https://gw.interop.community/CarePlanning/open](https://gw.interop.community/CarePlanning/open)
Goal-Oriented Care Planning
Goals for Pain Management
## Agenda

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>Kick Off (Overview)</td>
<td>January 11</td>
<td>8:30 – 9:00 AM CST</td>
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<tr>
<td>eCare Plan FHIR IG Draft Walk Through</td>
<td>January 11</td>
<td>9:00 – 10:00 AM CST</td>
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<tr>
<td>Goal Relationships with Condition and Observation</td>
<td>January 11</td>
<td>10:00 – 11:00 AM CST</td>
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<tr>
<td>Joint Session with US Core Track (SDOH in Epic) - <em>hosted by US Core</em></td>
<td>January 11</td>
<td>11:00 AM – 12:00 PM CST</td>
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<tr>
<td>Work Session including C-CDA to FHIR transformation</td>
<td>January 11</td>
<td>1:00 – 2:30 PM CST</td>
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<td>SMART Goals</td>
<td>January 11</td>
<td>3:00 – 4:30 PM CST</td>
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<tr>
<td>Check-in</td>
<td>January 12</td>
<td>9:00 – 9:30 AM CST</td>
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<td>eCare Plan FHIR IG Roadmap</td>
<td>January 12</td>
<td>9:30 – 10:00 AM CST</td>
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<tr>
<td>SDOH Scenario Working Session</td>
<td>January 12</td>
<td>10:00 – 11:00 AM CST</td>
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<tr>
<td>Cross-Track Discussion for Patient Goals</td>
<td>January 12</td>
<td>11:00 AM – 12:30 PM CST</td>
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<tr>
<td>Track Final Discussion</td>
<td>January 12</td>
<td>2:00 – 3:00 PM CST</td>
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Get Involved

• **Register** for the Care Planning Track
• Zulip (chat.fhir.org)
  – [https://chat.fhir.org/#narrow/stream/220328-Care-Plan.2FCare.20Coordination](https://chat.fhir.org/#narrow/stream/220328-Care-Plan.2FCare.20Coordination)
  – Use this to follow the Connectathon Management Stream

• Log issues in JIRA
  – Use your Confluence user ID and password

• Contact your Track lead and supports
  – Dave Carlson, Track lead, dcarlson@clinicalcloud.solutions
  – Emma Jones, Track lead, emma.jones@emiadvisors.net
  – Karen Berdotatti, Track support, karen.bertodatti@emiadvisors.net
  – Savanah Mueller, Track support, savanah.mueller@emiadvisors.net
Resources

- Whova (link will come in your email)
- Connectathon 29 Confluence Page
- Track Page
- FHIR Chat
- FHIR Specifications
Track Report Out

• We invite you to contribute to our Track Report Out with the following information:
  – Indicate your participation daily
  – Share notable achievements while participating in our track
  – Share any screenshots or links that show your achievement
  – Share discovered issues and questions
Questions?

Karen Bertodatti
karen.bertodatti@emiadvisors.net

Savanah Mueller
savanah.mueller@emiadvisors.net
APPENDIX
Care Planning Framework

Source: HL7 Patient Care Work Group “Draft Care Plan Domain Analysis Model 2.0”, August 2020

Conceptual Framework

Source: Gravity Project Conceptual Framework
Care Plan Domain Analysis Model (DAM) 1.0
Care Plan DAM 2.0

Source: HL7 Patient Care WG Thursday Q1 Sept 2019 Progress Report
Why attend Connectathon?

• Join a community of FHIR users
• Develop and test systems and use of the standard
  – Increase visibility of resources, profiles, and implementation guides
• Demonstrate what is possible
• Refine the FHIR Specification
  – Testing a part of a Connectathon is a prerequisite for resources and implementation guides progressing up the FHIR Maturity Model.
How to attend Connectathon?

• Complete the pre-Connectathon survey to select a Track
• Sign up on Whova
• Add Whova sessions to your calendar
• Sign up on chat.fhir.org
• Join Zoom meetings via Whova
  – Please do not share URLs with those who are not registered through HL7.
  – By registering for the HL7 FHIR Connectathon, participants agree to behave ethically including not using the event to gain competitive knowledge or disclosing information gained about other participants’ systems during the event. In addition, participants agree to not engage in derogatory actions using the internet.
# Connectathon Schedule

<table>
<thead>
<tr>
<th>Agenda</th>
<th>Date and Time</th>
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<tr>
<td>HL7 Connectathon Kick Off</td>
<td>Monday, January 10 4:00 – 5:00 PM CST</td>
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<tr>
<td>Connectathon Testing</td>
<td>Tuesday, January 11 – Wednesday, January 12 9:00 AM – 7:00 PM CST</td>
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Standard Hours unless listed on track page: 9:00 AM – 7:00 PM CST
Special Sessions and Recordings

- Newcomer Orientation
- Participant Information Session