Consensus-driven Standards on Social Determinants of Health

Gravity Connectathon Track Planning
June 29, 2022
Gravity Technical Workstream, Powered By

newwave

&

SAFFRON labs

&

AMA
Join the Gravity Track Today!

Participate in the July CMS Connectathon, powered by SAFFRON labs

- Register here by June 30th.
- Gravity Track page here.
- Weekly Gravity Track Planning calls, Wednesdays from 3:00-4:00 PM ET. Join here.
## Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Connectathon Planning Tasks</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/15/22</td>
<td>Gravity Track Implementor Connection Planning Kick-Off Call</td>
</tr>
<tr>
<td>6/22/22</td>
<td>Continue Discussion of Actor Roles&lt;br&gt;Begin to Develop Personas and Define Scenarios</td>
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<tr>
<td>06/29/22</td>
<td>Confirm Participation and Track Plan Documentation</td>
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<tr>
<td>07/06/22</td>
<td><strong>Finalize Actor Roles and Transactions</strong>&lt;br&gt;Track Lead Touchpoint on 7/12 (finalize/sign-up for demos)</td>
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<tr>
<td>07/13/22</td>
<td>CMS Implementer Kickoff Call at 4PM ET-&lt;br&gt;Review Agenda and Test Plans&lt;br&gt;Address Emerging Details, Testing Needs/Assumptions, Ideas for Capturing the Experience and Learnings</td>
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<tr>
<td>07/19/22 - 7/21/22</td>
<td>CMS FHIR Virtual Gravity Project Track July 19-21&lt;br&gt;7/20 Gravity Track Review Session</td>
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</table>
# Agenda

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Gravity Track Connectathon Schedule (2m)</td>
<td>Greg</td>
</tr>
<tr>
<td>Objectives of Gravity Track at CMS Connectathon (3m)</td>
<td>Aaron</td>
</tr>
<tr>
<td>Review Gravity Use Cases and Scenarios (20m)</td>
<td>Aaron/Greg</td>
</tr>
<tr>
<td>Gravity Track Page Walkthrough (Confluence)</td>
<td></td>
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<tr>
<td>Confirm Participant Roles (25m)</td>
<td>All</td>
</tr>
<tr>
<td>Next Steps (10m)</td>
<td>Greg</td>
</tr>
</tbody>
</table>
The July 2022 CMS Connectathon is rapidly approaching! Please join us at the Connectathon on July 19-21 to participate, test, and learn.

We invite you to join the weekly Gravity SDOH Clinical Care FHIR IG calls. These calls occur Wednesdays 3:00pm-4:00pm EST and the meeting information can be found here. In the coming weeks, the Gravity IG calls will be used as prep for the Connectathon and will be referred to as Weekly Gravity Track Connectathon Calls.

### Weekly Gravity Track Connectathon Schedule

**HL7 SDOH CC FHIR IG Public Meetings are scheduled Wednesdays from 3:00 to 4:00 pm ET**

- See the HL7 meeting calendar here: [http://www.hl7.org/concalls/CallDetails.cfm?concall=54498](http://www.hl7.org/concalls/CallDetails.cfm?concall=54498)

**Click here for the Meeting Minutes**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Topics</th>
<th>Webinar Information</th>
</tr>
</thead>
</table>
| Next meeting will occur on June 15th | 3:00 to 4:00 pm ET | 1. Initiate Weekly Connectathon Touchpoint | Join Zoom Meeting [https://zoom.us/j/5328571160](https://zoom.us/j/5328571160)  
Meeting ID: 532 857 1160  
Phone Number: +1 929-436-2866  
Participant Passcode: 532 857 1160  
When joining the Webinar, please ensure to identify yourself by including your first and last name and the name of your organization so that we may identify all participants.  
Please note that all calls will be recorded for purposes of note taking. |

When joining the Webinar, please ensure to identify yourself by including your first and last name and the name of your organization so that we may identify all participants.

Please note that all calls will be recorded for purposes of note taking.
Gravity Track CMS Connectathon Objectives

• Demonstrate use of FHIR across the continuum of healthcare and social services

• Explore alignment opportunities across active FHIR-based initiatives:
  • **Gravity Project**: Social Determinants of Health
    • TBD - Our objectives for the Connectathon will be decided based on the opinion of the community of participants.
Review Gravity Track
Use Cases and Scenarios
Gravity Track Page Walkthrough (Confluence)

3 Use Cases each with testing scenarios.

Confirm Participant Roles
# Actor Roles

**Gravity Track Page:** [https://confluence.hl7.org/display/FHIR/CMS+2022+-+07+Gravity+SDOH+Track](https://confluence.hl7.org/display/FHIR/CMS+2022+-+07+Gravity+SDOH+Track)

<table>
<thead>
<tr>
<th>Actor</th>
<th>Role Description</th>
<th>Participant Name / Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Scenarios 1 &amp; 2. Practitioner or Patient referral exchange (Pulse/ Clarity)</td>
<td>Greg Harris and Aaron Seib/ Saffron Labs</td>
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<tr>
<td>2</td>
<td>Scenarios 1, 2, and 3. Reference Implementation Operators</td>
<td>HealthLX</td>
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<tr>
<td>3</td>
<td>Scenario 1. Participating with code - Patient/Caregiver eCare plan application; fill out FHIR Questionnaire PRAPARE. Can configure the Patient/Caregiver App to point to another FHIR server. The app can do the questionnaire and create a response. Post back to the FHIR server? Project: Multiple Chronic Conditions (MCC) eCare Plan Project (NIDDK/AHRQ)</td>
<td>Karen Bertodatti, Emma Jones / EMI Advisors</td>
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<td></td>
<td></td>
<td>Dave Carlson/ Clinical Cloud Solutions</td>
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<td>4</td>
<td>Scenario(s)? Demonstrate completion of the Personal Characteristic Survey. Provide a provider workflow through referral to CBRO?</td>
<td>Lisa Nelson, Matt Elirod / MaxMD</td>
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<td>5</td>
<td>Scenario(s)? Planning to participate with code - add more information</td>
<td>John Manning/ May.Juun</td>
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<td>Matt Bishop/ Open City Labs</td>
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<td></td>
<td></td>
<td>Brian Handspicker/ Open City Labs</td>
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<td>Zane/Goldbelt(ACF)</td>
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<tr>
<td>6</td>
<td>Scenario(s)? Gravity pilot site - unsure of bandwidth. May observe or test the following SDOH domains: food insecurity, housing, and transportation - add more information. Demri to update the group on Wednesday if OCHIN is unable to join.</td>
<td>Ned Mossman, Danielle Myers, Fran Ritchie/ OCHIN</td>
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<tr>
<td>7</td>
<td>Scenario?</td>
<td>Lisa Nicolaou, Mike Klinkman / MiHIN</td>
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<td>Mary Kratz/ Interoperability Institute</td>
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<td>8</td>
<td>OBSERVER - Referee/ CBO role</td>
<td>QS Systems</td>
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<tr>
<td>9</td>
<td>OBSERVER - FHIR IG to support access to a Human Service Resource Directory to enable social care referrals. Testing solutions while testing IG (balloting in the Jan 2023 PSS)</td>
<td>Ioana Singureanu, Serafina Versaggi / FEI Systems- Administration for Community Living (ACL)</td>
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<td>10</td>
<td>OBSERVER - Gravity pilot site</td>
<td>AllianceChicago</td>
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<tr>
<td>11</td>
<td>OBSERVER</td>
<td>Benefit Data Trust</td>
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<tr>
<td>12</td>
<td>OBSERVER</td>
<td>QS Systems</td>
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<tr>
<td>13</td>
<td>OBSERVER</td>
<td>Highmark Health</td>
</tr>
<tr>
<td>14</td>
<td>OBSERVER</td>
<td>Anthem</td>
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Please reference the use cases on the Gravity Track Page and update the description of your role/scenario on this Actor Roles list.
Next Steps

• Ensuring Accessibility for Testing
• Others?
Questions?

Gravity Project Interim Tech. Director, Greg Harris: Gregory.harris@newwave.io

Gravity Executive Committee Co-Chair, Aaron Seib: aaron.seib@newwave.io
Extra Slides For Future Calls...
Example Patient Persona - Stella Creed

- Dual Eligible (Medicare & Medicaid 1915(c) Waiver)
- 65+ years old
- Health Concerns: CKD, Frailty, Mobility, Depression
- Social Needs: Food Insecurity, Housing, Transportation, Social Isolation
- HCBS Services:
  - Community Integration
  - Home delivered meals
  - Home-based habilitation
  - Companion
  - Non-medical transportation
  - Housing
  - Crisis Intervention/ Behavior supports

- Challenges:
  - Coordination across multi-disciplinary provider groups
  - Navigating eligibility across Medicare and Medicaid programs
  - How to manage health care and HCBS received
  - How to manage progressing CKD
  - Sharing multiple assessments across settings
  - Not able to see big picture ‘care plan’

Patient Story posted here
Example Patient Persona - Betsy Smith

- Dual Eligible (Medicare & Medicaid 1915(c) Waiver)
- 65+ years old
- Health Concerns: Frailty, Mobility
- Social Needs: Transportation
- HCBS Services:
  - Non-medical transportation

Challenges:
- Coordination across multi-disciplinary provider groups
- Navigating eligibility across Medicare and Medicaid programs
- How to manage health care and HCBS received
- Sharing multiple assessments across settings
- Not able to see big picture ‘care plan’

Patient Story posted here
Querying the Group about Potential Personas

Given the roles discussed, flesh out the personas relevant to the Gravity Track:

Patient Story posted here
Begin to Define Scenarios/ Use Cases (3)
Scenarios for Testing
Contributing Ingredients to Larger Stew

Working to define scope with the Gravity Community:

Potentially this may be…

- Closed Loop Referral between a Physician and a CBO
  - Clinical referral of Patient to CBO
  - Completion of referral by CBO
- Patient survey submission of SDOH risk assessment via PRAPARE
- Capture and view Personal Characteristics (race, ethnicity, sexual orientation, gender identity, recorded sex/gender, and personal pronouns)
## Example Scenarios for Testing

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Scenario Description</th>
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<tbody>
<tr>
<td><strong>Gravity Scenario 1</strong></td>
<td><strong>Rebecca Smith:</strong> Outpatient encounter for person with social risks/needs, screening, integrate screening info into EMR for clinical review. Visit Summary includes medical and social care information.</td>
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<td><strong>Gravity Scenario 2</strong></td>
<td><strong>Betsy Smith:</strong> Dual eligible receiving home and community-based services has an episode of care that encompasses an inpatient and SNF care then is discharged to home where home health care is provided to augment HCBS support before eventually being transitioned back to oversight by a Primary Care Physician.</td>
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Scenes for Testing

1. TBD by Gravity Community of Testers
2. TBD by Gravity Community of Testers

https://docs.google.com/spreadsheets/d/1AZrtn3-PFFVirmqxm0EHLptdSpWK0Cy8JPhlqYs5mBE/edit#gid=0
Walk through Scenes 1 & 9

Google Sheet Care Coordination Track Steps
https://docs.google.com/spreadsheets/d/1AZrtn3-PFFVirmqx
m0EHLptdSpWK0Cy8JPhlqYs5mBE/edit#gid=0
Review Track Testing Schedule

Google Sheet with Master Schedule for May 13 - 15
https://docs.google.com/spreadsheets/d/1hFmq2jvEwxLabb0dy3B09dZkwkDirfxH7XpYcR15Qpc/edit#gid=0
Ideas for capturing lessons learned and future testing considerations