Consensus-driven Standards on Social Determinants of Health

Health Insurance Coverage Status & Medical Cost Burden

Consensus Voting

May 26, 2022
Welcome

Thank you for joining the Gravity Project Community meeting!
Due to the large number of attendees, participants are muted upon entry. Please remain muted to avoid background noise.

This call is being recorded; recording will be available on the Gravity Confluence page following.

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send chats to “Everyone.”
Gravity Project Anti-Trust Practices

• Gravity Project participants have the responsibility to comply fully with federal and state antitrust laws.

• Individuals speaking or providing written communications shall refrain from any discussion which may provide the basis for an inference that they have agreed to take any action relating to prices, services, production and allocation of markets or any other matter having a market effect.

• Participants shall not discuss their pricing or others’ pricing or any term that might affect pricing or fees, such as costs, discounts, terms of sales or profit margins.

• Adherence to these guidelines involves not only avoidance of antitrust violations, but avoidance of behavior that might be so construed.
Gravity Project Participation

• If you have not already done so, we invite you to officially join the project here: https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project

• If you want to check whether you have already signed up or if others from your organization have signed up, please review the existing membership here:

• For all other Gravity Project information, please visit:
  https://confluence.hl7.org/display/GRAV/The+Gravity+Project
# Project Founders, Grants, and In-Kind Support To-Date

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<td>Humana</td>
<td>CynHealth</td>
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<td>Robert Wood Johnson Foundation</td>
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[https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors](https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors)
Gravity Project Financial Update and Sponsorship

• The Gravity Project is not an entity: it is a project funded through stakeholder sponsorship.

• We are currently facing a funding gap that requires prioritization of activities; this may affect meetings and events in the coming months.

• Our priority is to preserve the collective domain work, STU2 balloting, and within that this public forum - the heart of what we do.

• It is more important than ever to direct any sponsoring opportunities to GravityProject@emiadvisors.net or visit https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
### Agenda

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<td>Announcements</td>
<td>Sarah / Evelyn</td>
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<td>Project Schedule and Overview</td>
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<td>Health Literacy Consensus Voting Results</td>
<td>Sarah</td>
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<td><strong>Health Insurance Coverage Status &amp; Medical Cost Burden Consensus Voting</strong></td>
<td>Sarah</td>
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<td>Community Homework and Next Steps</td>
<td>Sarah</td>
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Please submit questions and comments using the Webex chat feature.
Announcements
Announcements

• JOIN: CDC’s SDOH Public Health Use Case Workgroup.
• REGISTER: Civitas Networks for Health Annual Conference, August.
• White House Conference: Hunger, Nutrition, and Health, September.

See more details regarding Gravity’s announcements here: https://confluence.hl7.org/pages/viewpage.action?pageId=91996855#TheGravityProject-Announcements
Project Schedule and Overview
Gravity 2022 Roadmap

**Terminology**
- Health Literacy
- Health Insurance Coverage Status
- Medical Cost Burden

**Technical**
- HL7 FHIR Connectathons
- FHIR IG STU2 Ballot
- FHIR IG STU2 Ballot Reconciliation
- FHIR IG STU2 Updates
- Reference Implementation Update
- FHIR IG STU2 Publication
- FHIR IG STU2 Updates based on Connectathon & Pilot Testing

**Pilots**
- Terminology and Technical Pilots

**Key**
- ▲ LOINC Code Release (FEB/AUG)
- ★ SNOMED Code Release (MAR/SEP)
- ◇ ICD-10 Code Release (APR/OCT)

**Build and Dissemination**
- WE ARE HERE
- Gravity FHIR IG STU2 Ballot

**Build, Dissemination and Evaluation**
- Food Access
- Neighborhood Safety
- Digital Inequity

**Timeline**
- JAN
- FEB
- MAR
- APR
- MAY
- JUN
- JUL
- AUG
- SEP
- OCT
- NOV
- DEC

Date: 5/27/22
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window). Please send all chats to Everyone.
Terminology
Terminology Build Updates and Action Steps
Terminology Build Updates

• ICD-10-CM Coordination and Maintenance Proposed Submission
  • New Terms
    • Z55.6 Problems related to health literacy
    • Z59.71 Insufficient health insurance coverage

• Updates to Previous Requests
  • Add codes to T74.A Financial abuse, confirmed and T76.A Financial abuse, suspected for child financial abuse
    • T74 and T76 categories include both adult and child abuse, neglect and maltreatment
    • Adult financial abuse codes were requested for elder abuse and after review it was determined that child financial abuse should be added
  • Add Z91.43 Personal history of intimate partner abuse
Terminology Identification
## Terminology Schedule and Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>WG Homework</th>
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</thead>
<tbody>
<tr>
<td>05/12</td>
<td><strong>Health Literacy Consensus Voting</strong>&lt;br&gt;Medical Cost Burden &amp; Health Insurance Coverage Status: End-to-End Review</td>
<td>Submit: <strong>Health Literacy Consensus Votes</strong>&lt;br&gt;Review: <strong>Medical Cost Burden &amp; Health Insurance Coverage Status Concepts</strong></td>
</tr>
<tr>
<td>05/26</td>
<td><strong>Medical Cost Burden &amp; Health Insurance Coverage Status Consensus Voting</strong></td>
<td>Submit: <strong>Medical Cost Burden &amp; Health Insurance Coverage Status Consensus Votes</strong></td>
</tr>
<tr>
<td>06/02-08/04</td>
<td><strong>Summer Break – No Meetings</strong></td>
<td></td>
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<tr>
<td>08/18</td>
<td><strong>Food Access, Neighborhood Safety &amp; Digital Inequity Kickoff</strong></td>
<td>Submit: <strong>Food Access, Neighborhood Safety &amp; Digital Inequity Concepts</strong></td>
</tr>
</tbody>
</table>
Community Terminology Development
Health Literacy Consensus Voting Results

The Gravity Project has reached consensus for the Health Literacy Domain!

Thank you for your support!
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).
Please send all chats to Everyone.
Gravity General Intervention Update
General Interventions

- Referrals to profession/role
  - Care manager
  - Case manager
  - Case navigator
  - Community health worker
  - Lawyer
  - Social worker

- Programs
  - Area Agency on Aging
  - Benefits Enrollment Assistance
  - Community Action Agency
  - Community Resource Network
  - Medical Legal Partnership
  - Legal Aid
General Interventions cont.

• Activities
  • Assessment of communication barriers
  • Coordination of care plan/care team
  • Counseling for social determinant of health risk
  • Assessment for _________
  • Assessment of barriers to _________ care plan
  • Assessment of goals to achieve _________ (goal statement)
  • Assessment of progress toward goals to achieve _________ (goal statement)
  • Counsel for barriers achieve _________ (goal statement)
  • Counseling for _________ care plan participation barriers
  • Counseling for readiness to achieve _________ (goal statement)
  • Counseling for readiness to implement _________ care plan
General Interventions In Process

• We have been asked consistently to create interventions directed at the caregiver for the benefit of the patient
  • Coordination of subject’s care with caregiver of subject

• Although we recognize the need for such terms, there is complexity related to constraints on the SNOMED taxonomy, our value sets, and the IG
  • Such terms might be modeled as situations in SNOMED which does not align with FHIR constraints for procedure and service requests
Health Insurance Coverage Status
Health Insurance Coverage Status Definitions

• Documentation of presence and type of health insurance coverage.
  • In line with federal survey approaches

  • “Are you covered by any kind of health insurance or some other kind of health care plan?”
    • Yes, No, Refused, Don’t Know
  • “What kinds of health insurance or health care coverage do you have?”
    • Private health insurance, Medicare, Medicare supplement, Medicaid, Children's Health Insurance Program or CHIP, military related health care including TRICARE, CHAMPUS, VA health care and CHAMP-VA, Indian Health Service, a state-sponsored health plan, or another government program?
Health Insurance Coverage - Screening Tools

- National Health Interview Survey (NHIS)
- PhenX
- PRAPARE
<table>
<thead>
<tr>
<th>Uninsured medical expenses</th>
<th>Insufficient health insurance coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>No health insurance coverage</td>
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</tbody>
</table>
## Health Insurance Coverage Status – Goals

### SNOMED CT

<table>
<thead>
<tr>
<th>Coverage Type</th>
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<tbody>
<tr>
<td>Employee group health insurance coverage</td>
</tr>
<tr>
<td>Department of veteran's affairs health coverage</td>
</tr>
<tr>
<td>Medicaid coverage</td>
</tr>
<tr>
<td>Medicare advantage coverage</td>
</tr>
<tr>
<td>Medicare coverage</td>
</tr>
<tr>
<td>Private health insurance held</td>
</tr>
<tr>
<td>Has health insurance coverage</td>
</tr>
<tr>
<td>Child Health Insurance Program coverage</td>
</tr>
<tr>
<td>Medigap coverage</td>
</tr>
<tr>
<td>Indian Health Service eligible</td>
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<tr>
<td>State-sponsored health insurance coverage</td>
</tr>
<tr>
<td>Tricare coverage</td>
</tr>
<tr>
<td>Medicare drug coverage</td>
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</table>
Questions?

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Medical Cost Burden
Medical Cost Burden Definitions

- A measure of financial pressure resulting from health spending stemming from inadequate resources to meet medical cost needs
- Carabello et al
  - In the past 12 months did you/anyone in your family have problems paying or were unable to pay any medical bills? Including bills for doctors, dentists, hospitals, therapists, medication, equipment, nursing home, or home care?
  - Do you/anyone in your family currency have medical bills that are being paid off over time? This could include medical bills being paid off with a credit card, through personal loans, or bill paying arrangements with hospitals or other providers? The bills can be from earlier years as well as this year?
  - Do you/Does anyone in your family currently have any medical bills that you are unable to pay at all?
Medical Cost Burden- Screening Tools

• Burden and Consequences of Financial Hardship From Medical Bills
• Medical Expenditures Panel Survey (MEPS)
• PRAPARE
# Medical Cost Burden – Diagnoses

<table>
<thead>
<tr>
<th>SNOMED CT</th>
<th>ICD-10-CM</th>
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<tbody>
<tr>
<td>Burdensome out of pocket medical expenses</td>
<td>Financial Insecurity (past domain)</td>
</tr>
<tr>
<td>Burdensome medical debt</td>
<td></td>
</tr>
<tr>
<td>Financial insecurity due to medical cost burden</td>
<td></td>
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</tbody>
</table>
Medical Cost Burden – Goals

SNOMED CT

• Able to pay for healthcare needs
• Able to afford medication (from the Material Hardship build)
• Able to afford clinical equipment and/or device
• Financial Security
• No burdensome out of pocket medical expenses
• No burdensome medical debt
Questions?

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Consensus Voting

- **Yes**: A Yes vote does not necessarily mean that the deliverable is the ideal one from the perspective of the Committed Member, but that it is better to move forward than to block the deliverable.

- **Yes with Comment**: If a consensus process attracts significant comments through Yes With Comment votes, it is expected that the comments will be addressed in a future revision of the deliverable.
  - **Email comments to gravityproject@emiadvisors.net by 06/02/2022**

- **Formal Objection**: This vote must include comments indicating a path to address the objection in a way that meets the known concerns of other members of the project. A Formal Objection vote without such comments will be considered an Abstain vote.
  - **Email comments to gravityproject@emiadvisors.net by 06/02/2022**

- **Abstain**: A member declined to vote.
Health Insurance Coverage Status & Medical Cost Burden: Consensus Vote

- Complete the following Google Poll by 5pm ET Friday, May 27th
  https://forms.gle/5Z2dnfft1VLBdhSX6

- Items for Vote:
  - Health Insurance Coverage Status Master File
  - Medical Cost Burden Master File

- Of note:
  - You must press submit for answers to be recorded!
  - If voting yes with comment / formal objection: Email comments to gravityproject@emiadvisors.net by 06/02/2022
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window). Please send all chats to Everyone.
Technology
Technology Update

• Ballot Reconciliation:
  • All ballot items have been reviewed (not yet all applied)
  • Block vote 10 has been submitted (likely to be approved by 5/27)
  • Block vote 11 will still be required for remaining items

Remaining Work:
• Complete remaining unapplied changes
• CI Build completion
Call for Participation!
CMS July FHIR Connectathon

Please sign up for the CMS July FHIR Connectathon to be held on July 19th-22th.

- Register here by May 31st:
  https://confluence.hl7.org/display/FHIR/CMS+2022+-+07+FHIR+Connectathon+3

- View Gravity Track information here:
  https://confluence.hl7.org/display/FHIR/CMS+2022+-+07+Gravity+SDOH+Track
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).
Please send all chats to Everyone.
Community Homework & Next Steps
Homework

• General
  • Catch up as needed on materials and recordings on Gravity Project Materials Confluence page
    https://confluence.hl7.org/display/GRAV/The+Gravity+Project+Materials

• Medical Cost Burden & Health Insurance Coverage Status
  • Submit your consensus votes by 5pm ET Friday, May 27th
    https://forms.gle/5Z2dnfft1VLBdhSX6

• We have accomplished great things this spring. We look forward to seeing you again at summer’s end. In the meantime, trust we are working hard to ready ourselves for our next efforts, and we will miss you.
Join the Gravity Project!

https://confluence.hl7.org/display/GRAV/Join+the+Gravity+Project

Learn More

- Public Collaborative meets bi-weekly on Thursdays 4:00 to 5:30pm ET. View meeting details here: https://confluence.hl7.org/display/GRAV/Gravity+Project+Meetings

- SDOH FHIR IG Workgroup meets weekly Wednesdays 3:00 to 4:00pm ET. View meeting details here: https://confluence.hl7.org/display/GRAV/FHIR+IG+Work+Group+Meetings

Submit SDOH domain data elements:
https://confluence.hl7.org/display/GRAV/Data+Element+Submission

Help us with Gravity Education & Outreach

Use Social Media handles to share or tag us to relevant information

@thegravityproj

https://www.linkedin.com/company/gravity-project

Help us find new sponsors and partners

Partner with us on development of blogs, manuscripts, dissemination materials

5/27/22
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