Consensus-driven Standards on Social Determinants of Health

Veteran, Intimate Partner Violence & Stress: Goals/Interventions Consensus Voting
Dec 09, 2021
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

https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
Gravity Project Sponsorship

• The Gravity Project is currently seeking additional sponsors for our 2022 operations
  • This is an opportunity to be a recognized contributor to our critical national work

• If you are interested in learning more about sponsoring opportunities, please send an email to GravityProject@emiadvisors.net or visit https://confluence.hl7.org/display/GRAV/Gravity+Project+Sponsors
<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Announcements</td>
<td>Sarah</td>
</tr>
<tr>
<td>Project Schedule and Overview</td>
<td>Sarah</td>
</tr>
<tr>
<td><strong>Veteran, IPV &amp; Stress: Goals and Interventions Consensus Vote</strong></td>
<td>Sarah</td>
</tr>
<tr>
<td>Technology Update</td>
<td>Dan</td>
</tr>
<tr>
<td>Community Homework and Next Steps</td>
<td>Sarah</td>
</tr>
</tbody>
</table>

Please submit questions and comments using the Webex chat feature.
Announcements

- HL7 SDOH CC FHIR IG Public Meetings, Wednesdays 3pm – 4pm EST
- HHS Postpartum Equity in Care Challenge: Innovative Methods to Improve Postpartum Care for Black or African American and American Indian/Alaska Native Women, Submission due Dec 17th
- See more details regarding Gravity’s announcements here: https://confluence.hl7.org/pages/viewpage.action?pageId=91996855#TheGravityProject-Announcements
Gravity Value Sets Deep Dive

The Gravity Project published our first value sets in VSAC earlier this month!

The team will be hosting a “Value Set Deep Dive” akin to our session on ICD-10-CM on Dec 16th from 2:00pm – 3:00pm EST

We plan to cover:

- How to access the sets
- How the sets interface with the IG
- Generally, how sets can be used to assist with implementation
Project Schedule and Overview
# Gravity Overview: 2021 Roadmap

<table>
<thead>
<tr>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Terminology</strong>&lt;br&gt;INADEQUATE HOUSING&lt;br&gt;TRANSPORTATION INSECURITY&lt;br&gt;FINANCIAL INSECURITY&lt;br&gt;UNEMPLOYMENT&lt;br&gt;EDUCATION&lt;br&gt;VETERANS</td>
<td><strong>Technical</strong>&lt;br&gt;Gravity FHIR IG Ballot&lt;br&gt;IG Ballot Reconciliation&lt;br&gt;Reference Implementation Development</td>
<td><strong>Pilots</strong>&lt;br&gt;Gravity FHIR IG Ballot&lt;br&gt;Final updates/ IG Ready for Publication&lt;br&gt;Update User Stories</td>
<td><strong>Pilots</strong>&lt;br&gt;Key&lt;br&gt;LOINC Code Release (MAR/OCT)&lt;br&gt;SNOMED Code Release (MAR/SEP)&lt;br&gt;ICD-10 Code Release (APR/OCT)</td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;CMS Connectathon&lt;br&gt;HL7 FHIR Connectathons&lt;br&gt;SDOH FHIR IG Pilots</td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong>&lt;br&gt;<strong>Update User Stories</strong></td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong></td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong></td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong></td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong></td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong></td>
<td><strong>Goals/Interventions</strong>&lt;br&gt;<strong>SDOH FHIR IG Pilots</strong>&lt;br&gt;<strong>HL7 FHIR Connectathons</strong>&lt;br&gt;<strong>Gravity FHIR IG Ballot</strong>&lt;br&gt;<strong>Final updates/ IG Ready for Publication</strong></td>
</tr>
</tbody>
</table>

- **Terminology**
  - Material Hardship
  - Intimate Partner Violence (IPV)
  - Stress
  - Elder Abuse
- **Technical**
  - Reference Implementation Development
  - Update User Stories
- **Pilots**
  - LOINC Code Release (MAR/OCT)
  - SNOMED Code Release (MAR/SEP)
  - ICD-10 Code Release (APR/OCT)
  - CMS Connectathon
  - HL7 FHIR Connectathons
  - SDOH FHIR IG Pilots

- **Goals/Interventions**
  - Key
  - Social Connection
  - Break

**Timeline Details**
- **12/10/21**
- **WE ARE HERE**
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
Winter 2021 ICD-10-CM Submission: Material Hardship

- SPLIT causes – environment and financial
- Z58 Problems related to physical environment
  - New subcategory Z58.8 Other problems related to physical environment
    - New code Z58.81 Material hardship, inadequate physical environment, NEC
- Z59 Problems related to housing and economic circumstances
  - Z59.8 Other problems related to housing and economic circumstances
    - New code Z59.87 Material hardship, due to limited financial resources, NEC
Winter 2021 ICD-10-CM Submission: Intimate Partner Violence and Elder Abuse

- Create distinct intimate partner violence subtypes
  - EX:
    - T74.13 Intimate partner physical abuse, confirmed
    - T74.23 Intimate partner sexual abuse, confirmed
    - T74.33 Intimate partner psychological abuse, confirmed

- Create term for financial abuse to represent all elder abuse subtypes
  - EX:
    - T74.81 Adult financial abuse, confirmed
Winter 2021 ICD-10-CM Submission: Non-binary and gender non-conforming perpetrator terms

- Create select, crucial non-binary and gender non-conforming perpetrator terms.
- Requesting full review of all terms for alignment with best practice. (note, gendered terms not in ICD-10)
- EX
  - New Code Y07.44 Child (biological, step, in-law, foster, adopted), perpetrator of maltreatment, and neglect
    - Inclusion terms:
      - Son, perpetrator of maltreatment, and neglect
      - Daughter, perpetrator of maltreatment, and neglect
      - Non-binary child, perpetrator of maltreatment, and neglect
Winter 2021 ICD-10-CM Submission: Social Connection

• Add social connection inclusion terms
• EX
  • Z60 Problems related to social environment
    • Z60.8 Other problems related to social environment
      • Inclusion terms:
        • Inadequate social support
        • Lack of emotional support
Winter 2021 ICD-10-CM Submission: Veteran

• Reiterate desire for code for military history beyond deployment (i.e. Veterans)
• Add inclusion terms

• Z81.82 Personal history of military deployment
  Excludes2: Personal history of military service (Z91.85)
• Z91.85 Personal history of military service
  Excludes2: Personal history of military deployment (Z91.82)
  • Inclusion terms
    • Veteran
    • Served in the armed forces
Terminology Identification
Terminology Roadmap

2021

<table>
<thead>
<tr>
<th>JUL</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
</tr>
</thead>
</table>

Pilots

- SOCIAL CONNECTION
- STRESS
- ELDER ABUSE
- INTIMATE PARTNER VIOLENCE (IPV)
- UNEMPLOYMENT
- EDUCATION
- VETERANS

2022

<table>
<thead>
<tr>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
</tr>
</thead>
</table>

Goals/ Interventions

- Build, Dissemination and Evaluation
- Health Literacy
- Underinsurance
- Medical Cost Burden

Key

- LOINC Code Release (MAR/OCT)
- SNOMED Code Release (MAR/SEP)
- ICD-10 Code Release (APR/OCT)

Terminology Pilots (Tier 1)

WE ARE HERE
<table>
<thead>
<tr>
<th>Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/09</td>
<td>Veteran’s Status, IPV &amp; Stress: Goals and Interventions Consensus Vote</td>
<td></td>
</tr>
<tr>
<td>12/23</td>
<td>No Public Call- Break for Build</td>
<td></td>
</tr>
<tr>
<td>1/06</td>
<td>No Public Call- Break for Build</td>
<td></td>
</tr>
<tr>
<td>1/20</td>
<td>No Public Call- Break for Build</td>
<td></td>
</tr>
<tr>
<td>2/03</td>
<td>Reconvene- Kick-off Health Literacy, Medical Cost Burden, Underinsurance</td>
<td></td>
</tr>
<tr>
<td>2/17</td>
<td>Health Literacy, Medical Cost Burden, Underinsurance</td>
<td></td>
</tr>
<tr>
<td>...</td>
<td>Health Literacy, Medical Cost Burden, Underinsurance continued</td>
<td></td>
</tr>
<tr>
<td>~ 5/26</td>
<td>Consensus Vote on All Domains</td>
<td></td>
</tr>
</tbody>
</table>
Community Terminology Development

We are here!
The Gravity Project is excited to announce that Social Connection Goals/Interventions have reached consensus, thank you for supporting the Gravity Project!
Veteran Status, IPV & Stress: Goals and Interventions Consensus Voting
Veteran Status
Veteran Specific Goals

- Honorable discharge
- Military discharge upgrade
- Establish eligibility for Veterans Affairs benefits
- Establish eligibility for National Cemetery Administration (NCA) burial and memorial benefits

However, we also, as with other domains, imagine a future set of all goals from all domains that could be drawn from to meet the diverse social needs of the person.
Veteran Interventions Approach

- Include all primary resources (hotlines, directories) and professions (Veteran Services Officer, VA Social Work) that allow community settings, clinical and otherwise, to help connect a Veteran to resources.
- Naming conventions for all VA official programs so they can be easily found.
- Focusing first on federal VA programs.
- Create parent concepts that allow grouping of programs to enable mapping from the VA to community care.
Veteran Interventions Program List

GI Bill
Military OneSource
Department of Veterans Affairs (VA) Native American Direct Loan (NADL) Program
Department of Veterans Affairs (VA) Homeless Programs
Department of Veterans Affairs (VA) Home Loan Programs
Yellow Ribbon Program
Department of Veterans Affairs (VA) Veteran Services Officer
Department of Veterans Affairs (VA) Veteran Service Organization
Department of Veterans Affairs (VA) Directory of Veterans Service Organizations
Department of Veterans Affairs (VA) Veterans Crisis Line
Make the Connection
Department of Veterans Affairs (VA) Suicide Prevention Programs
Department of Veterans Affairs (VA) Veterans Training Program
Department of Veterans Affairs (VA) Wellness Mobile Applications
Department of Veterans Affairs (VA) Social Work Program
Department of Veterans Affairs (VA) Transition Programs
Department of Veterans Affairs (VA) Mental Health Services
Department of Veterans Affairs (VA) Medical Center
Department of Veterans Affairs (VA) Facilities Locator
Department of Veterans Affairs (VA) Vet Centers
Department of Veterans Affairs (VA) Veteran Center Call Center
Department of Veterans Affairs (VA) Homeless Veteran Chat
Department of Veterans Affairs (VA) National Call Center for Homeless Veterans
Department of Veterans Affairs (VA) Veteran Readiness and Employment
Department of Veterans Affairs (VA) Veterans Justice Outreach Program
Department of Veterans Affairs (VA) Veterans Benefits Administration
Institute for Veterans and Military Families (IVMF)
AmericaServes
Department of Veterans Affairs (VA) National Cemetery Administration (NCA)
Department of Veterans Affairs (VA) Caregiver Support Program
Department of Veterans Affairs (VA) Caregiver Support Line
Department of Veterans Affairs (VA) Partner Violence (DV/IPV) Assistance Program:
Department of Veterans Affairs (VA) Fisher House & Family Hospitality Program
Department of Veterans Affairs (VA) Military2VA Case Management Program
Department of Veterans Affairs (VA) Liaison for Healthcare Program
Department of Veterans Affairs (VA) State Veterans Homes
Intimate Partner Violence (IPV)
Intimate Partner Violence (IPV)

• SMEs: Chris Grasso- Fenway Health, Lisa James - Future w/o Violence
## IPV Goals

| Adequate Safety from Intimate Partner Violence |
| Adequate Safety from Intimate Partner Sexual Abuse |
| Adequate Safety from Intimate Partner Physical Abuse |
| Adequate Safety from Intimate Partner Psychological Abuse |

- **No known risk of intimate partner violence**
- **No known risk of intimate partner sexual abuse**
- **No known risk of intimate partner physical abuse**
- **No known risk of intimate partner psychological abuse**

- Adequate Social Support
- Adequate Social Connection
- Feeling Safe
- Victim separated from perpetrator
- Victim safe from perpetrator
- **Limited perpetrator access to victim of abuse**
- Residence secured
- Participation in restorative justice process
- Enhanced Social Monitoring

- **Intimate partner violence, mitigation measures in place**
- **Intimate partner sexual abuse, mitigation measures in place**
- **Intimate partner physical abuse, mitigation measures in place**
- **Intimate partner psychological abuse, mitigation measures in place.**

- Financial Security
- Stably Housed
- Food Security
- Transportation Security
Protective Factors

• Holding on macro protective factor concepts such as cultural identity, cultural connectedness, spirituality, self-efficacy, to allow for inclusion of relevant subject matter experts

• Likely pairing with discrimination and bias work in the fall of 2022
### IPV Interventions: Common Programs (w/ Elder Abuse)

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>National Domestic Abuse Hotline</strong></td>
<td>The Hotline is an immediate link to lifesaving help for victims. It provides information and assistance to adult and youth victims of family violence, domestic violence, or dating violence, family and household members, and other persons such as domestic violence advocates, government officials, law enforcement agencies and the general public.</td>
</tr>
<tr>
<td><strong>Relief from Abuse Order</strong></td>
<td>A relief from abuse order is a court order that is designed to stop violent, harassing and threatening behavior. It can also stop the abuser from any contact or communication with you, and protect you and your family from the abuser.</td>
</tr>
<tr>
<td><strong>Restorative Justice Program</strong></td>
<td>Commonly accepted definition for &quot;restorative justice&quot; used internationally is &quot;a process whereby parties with a stake in a specific offense resolve collectively how to deal with the aftermath of the offense and its implications for the future.&quot;</td>
</tr>
<tr>
<td><strong>Safety Plan</strong></td>
<td>A safety plan is a set of actions that can help lower your risk of being hurt by your partner. It includes information specific to you and your life that will increase your safety at school, home, and other places that you go on a daily basis.</td>
</tr>
<tr>
<td><strong>Substance Use Disorder Programs</strong></td>
<td>The Substance Abuse and Mental Health Services Administration (SAMHSA) collects information on thousands of state-licensed providers who specialize in treating substance use disorders, addiction, and mental illness.</td>
</tr>
<tr>
<td><strong>Transitional Housing</strong></td>
<td>A project that provides temporary lodging and is designed to facilitate the movement of homeless individuals and families into permanent housing within a specified period of time, but no longer than 24 months. Requirements and limitations may vary by program, and will be specified by the funder.</td>
</tr>
<tr>
<td><strong>Victim Advocate</strong></td>
<td>Victim advocates are trained to support victims of crime. They offer emotional support, victims' rights information, help in finding needed resources and assistance in filling out crime victim related forms.</td>
</tr>
<tr>
<td><strong>Victim Assistance Program</strong></td>
<td>Victim assistance programs provide services to victims as they recover from the crime and proceed through the criminal justice process.</td>
</tr>
</tbody>
</table>
# IPV Interventions: New Programs

<table>
<thead>
<tr>
<th>Program Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intimate Partner Violence Service Provider</td>
<td>Operate shelters for victims of intimate partner violence and their dependents; or provide counseling, advocacy, or self-help services to victims of intimate partner violence</td>
</tr>
<tr>
<td>Parent Support Group Programs</td>
<td>Parent support groups provide informal mutual support and opportunities to discuss parenting challenges and strategies.</td>
</tr>
<tr>
<td>National Immigration Law Center</td>
<td>Provides legal advocacy for low-income immigrants</td>
</tr>
<tr>
<td>Culturally and Gender Affirming Resource Centers</td>
<td>Offer resources and supports for culturally specific and gender affirming survivors</td>
</tr>
<tr>
<td>Strong Heart Helpline</td>
<td>StrongHearts is a culturally-appropriate, anonymous, confidential service dedicated to serving Native American survivors of domestic violence and concerned family members and friends.</td>
</tr>
<tr>
<td>Health Insurance Navigator</td>
<td>An individual or organization that's trained and able to help consumers, small businesses, and their employees as they look for health coverage options through the Marketplace, including completing eligibility and enrollment forms. These individuals and organizations are required to be unbiased. Their services are free to consumers</td>
</tr>
<tr>
<td>Faith Based Community Programs</td>
<td>A faith-based organization is an organization whose values are based on faith and/or beliefs, which has a mission based on social values of the particular faith, and which most often draws its activists (leaders, staff, volunteers) from a particular faith group.</td>
</tr>
</tbody>
</table>
Psychological Stress
Psychological Stress

SME: Dr Aric Prather
Psychological Stress: Goals

Resolution of Stress
Stress Mitigated
Removal of Stressor
Adequate Social Support
### Stress: Common Programs (w/ Social Connection)

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Community Arts Programs</strong></td>
<td>Community Arts Programs offer interactive arts, such as creative theatre and movement, visual art, music, poetry, and life stories. These programs are provided to at-risk youth, people with disabilities, and seniors.</td>
</tr>
<tr>
<td><strong>Community Resource Assistance</strong></td>
<td>Help connecting individuals with available community resources to address identified social needs</td>
</tr>
<tr>
<td><strong>Community-Based Social Support for Physical Activity</strong></td>
<td>Community-based social support interventions for physical activity combine physical activity opportunities and social support to build, strengthen, and maintain social networks that encourage positive behavior changes. Interventions can also include education, group or individual counseling, or plans tailored to individual needs.</td>
</tr>
<tr>
<td><strong>Companion Animal Program</strong></td>
<td>A program that provides an animal for companionship, to relieve loneliness, and sometimes help with depression, anxiety, and certain phobias. These animals do not have special training to perform tasks that assist people with disabilities. These support animals are not limited to dogs.</td>
</tr>
<tr>
<td><strong>Peer Support Program</strong></td>
<td>Process through which people who share common experiences or face similar challenges come together as equals to give and receive help based on the knowledge that comes through shared experience.</td>
</tr>
<tr>
<td><strong>Peer Support Specialist</strong></td>
<td>Peer support workers are people who have been successful in the recovery process who help others experiencing similar situations.</td>
</tr>
<tr>
<td><strong>Social Connection Skills Building Program</strong></td>
<td>Programs that aim to teach social skills to facilitate social engagement.</td>
</tr>
<tr>
<td><strong>Telephone Support Program</strong></td>
<td>Telephone based programs that are used to increase opportunities for social connection. These may be both call in or call out in structure. They may include both episode and longitudinal contacts.</td>
</tr>
<tr>
<td><strong>Social Groups</strong></td>
<td>A social group is two or more humans who interact with one another, share similar characteristics, and collectively have a sense of unity.</td>
</tr>
</tbody>
</table>
### Mindfulness Based Stress Program
Mindfulness-based stress reduction programs include simple, clinically-proven methods for relaxing the body and mind. The techniques are simple to learn and are uniquely effective in coping with the side effects of cancer and cancer treatment.

### Stress Reduction Application
Mindfulness meditation delivered via a mobile application to reduce stress

### Ecotherapy
Helps people connect with nature to assist in dealing with physical and mental illnesses

### Bio-Feedback Therapy
Biofeedback is a process that uses your body’s own signals like heart rate and body temperature to bring about healthy changes.

### Breathing Techniques for Relaxation
Breathe focus techniques evoking the relaxation response.

### Faith Based Community Programs
A faith-based organization is an organization whose values are based on faith and/or beliefs, which has a mission based on social values of the particular faith, and which most often draws its activists (leaders, staff, volunteers) from a particular faith group.
Community Terminology Development

We are here!
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 12/16/2021

• **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 12/16/2021

• **Abstain:** A member declined to vote.
Veteran Status, IPV & Stress: Goals and Interventions Consensus Vote

• Complete the following Google Poll by 5pm ET Friday, December 10th
  • [https://forms.gle/t7YwK7Fcvgo2zWHXA](https://forms.gle/t7YwK7Fcvgo2zWHXA)

• Items for Vote:
  • Veteran Status Master List
  • IPV Master List
  • Stress Master List

• 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 12/16/2021
A Sincere SME THANK YOU!!
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.
Tech Lingo Quick Start (recap)

Syntax standards
Semantic standards
HL7 FHIR®
FHIR Implementation Guide
Reference Implementation
(HL7) Balloting
FHIR Connectathon

Forthcoming entries into our Gravity Project Glossary
Call to action!

Participate in **Jan 2022 HL7 Ballot Cycle**!
*Note:* Sign-up closes TODAY Dec 9, 2021

Participate in the **Jan 10-12 Connecathon**!
*Note:* Registration available through Dec 13, 2021
SDOH Clinical Care

1.1 Overview
Social Determinants of Health (SDOH) are increasingly being recognized as essential factors that influence healthcare outcomes. This HL7 Implementation Guide (IG) defines how to exchange SDOH content defined by the Gravity Project using the Fast Healthcare Interoperability Resources (FHIR) standard. It defines how to represent coded content used to support the following care activities: screening, clinical assessment/diagnosis, goal setting, and the planning and performing of interventions. This IG addresses the need to gather SDOH information in multiple settings, share that information between stakeholders, and exchange referrals between organizations to address specific social risk needs, all with appropriate patient consent. In addition, the IG demonstrates how to share clinical data to support secondary purposes such as population health, quality, and research. The guide supports the following use cases:

- Document SDOH data in conjunction with the patient encounters with providers, payers, and community services
- Document and track SDOH related interventions to completion
- Identify cohorts of individuals that have a common relationship to another entity (e.g., covered by the same payer)

This implementation guide was developed by the Gravity Project, which specifically focuses on using HL7 FHIR to define standards for the exchange of SDOH-related information. Both the project and this implementation guide are focused on the U.S. environment. This implementation guide leverages content from the US Core implementation guide and binds to US-specific terminology. However, the basic constructs and interaction patterns may well be applicable outside the U.S.

1.2 Content and organization
The implementation guide is organized into the following sections:

- Background: Includes Gravity Background, SDOH Clinical Care Scope, Functional Use Cases, and Technical Background, that describe the environment in which this implementation guide establishes standards for information exchange.
- STU2 Changes: describes the changes included in the STU 2 ballot version of the IG
- Context: Describes the Survey Instrument Support, QuestionnaireResponse Mapping Instructions, Support for Multiple Domains, Exchange Workflow and Synchronizing Applications with API Data Sources that details a high-level overview of expected process flow
- Specifications: Provides an overview of the FHIR Artifacts defined and used in this IG, Checking Task Status to describe managing task status, Privacy and Security issues, MustSupport and Missing Data concepts and Draft Specifications for Race and Ethnicity
- Downloads: Provides for the download of various IG related artifacts
- Credits: Identifies the individuals and organizations involved in developing this implementation guide
FHIR Implementation Guide: New Features

STU2 Update of the IG is on track for voting in HL7’s January 2022 ballot cycle.

Workflows encompassed by, but not completed in STU1:

• Patient/caregiver use of an app (to facilitate participation in referral process via forms, using contact information, etc)
• Community-based organization use of an app (as alternative to an API-enabled case management system)
• Techniques for an app to sync with multiple referral sources

SDOHCC FHIR IG – Continuous Integration Build
FHIR Implementation Guide: New Features

Evolving the IG approach with standard terminologies

• Aligning the SDOHCC IG approach and FHIR US Core revisions (based on USCDI updates)
  • Includes updates to profiles on Condition, ServiceRequest, Procedure, and Goal
  • “Base” value set aligned with main U.S. Core approach for each resource type
  • Linkages to the SDOH-specific value sets maintained by the Gravity Project and guidance that servers SHOULD use them when exchanging SDOH information

• Enabling use of social service taxonomies in the exchanges (for ServiceRequest, Procedure)

SDOHCC FHIR IG – Continuous Integration Build
Example Terminology Binding: Condition.code

If exchanging SDOH data, you **SHOULD** use the SDOH value sets.
More refined approach to reporting Race and Ethnicity

(consistent with OMB and CDC standards)

• Currently, US Core uses a FHIR “extension” elements on the Patient resource
• This approach offers very limited metadata and provenance support
• Based on stakeholder input and discussion with US Core team, we are piloting draft profiles using the more robust Observation structure that support:
  • Exchange of Race and Ethnicity about patients, related-persons, and providers
  • Exchange of the “source” and “method” by which the information was obtained
• Implementer feedback will determine whether/if this approach will supersede the current extension-based approach
HL7 FHIR Connectathon (CST)

January 10-12, 2022 • Virtual Event

REGISTER NOW
Tech Lingo Quick Start (review)

FHIR® Connectathon

An event to develop FHIR (including Implementation Guides) through structured, hands-on testing. Peer testing helps ensure that the specs are clear enough that different people interpret them consistently. When stuff doesn’t work, it helps us learn and improve the standard. Participants are expected to write (or have written or use) some software intended to demonstrate FHIR connectivity.

**Example:** HL7 FHIR Connectathon 29

**Special note:** FHIR is committed to being a welcoming community, so newcomers are always encouraged! A Connectathon is a safe place to learn and to “fail forward”.

Candidate for entry into our Gravity Project Glossary
FHIR Connectathon 29: Gravity Track

System “Actors” who could participate with us

- Clinician-facing system (e.g. EHR)
- Intermediary platform connecting clinical and social care organizations (e.g. coordination platform, health information exchange)
- Community-based or other social care organization system (e.g. case management system)
- Survey/form application (e.g. screening/assessment/PRO solution)
- Payer health IT system
- Patient-facing application

Details on Gravity Track at FHIR Connectathon 29
Many testable system interactions

- Government Entity (IT System)
- Clinical Site (IT System)
- Payer (IT System)
- Coordination Platform (IT System)
- Patient (Web or mobile app)
- Community-based Organization (Web or mobile app)
- Community-based Organization (IT System)
Workflow Options: Direct Referral

A referral source communicates with a referral receiver via FHIR APIs. Here only 2 actors are communicating via FHIR read/write APIs. A referral receiver could be either:

- a referral performer

- or an intermediary that does not communicate with the referral performer via FHIR writeback

See Exchange Workflows in the Gravity SDOHCC FHIR Implementation Guide
Workflow Options: Direct Referral *Light*

Same as a Direct Referral, except where the referral receiver does NOT have FHIR write capabilities. The referral receiver uses client application to interact with the FHIR API of the referral source system.

See [Exchange Workflows](#) in the Gravity SDOHCC FHIR Implementation Guide
Workflow Options: Indirect Referral

A referral workflow with two separate interactions. A referral source first communicates with an intermediary receiver who then communicates with the referral performer via FHIR APIs.

See Exchange Workflows in the Gravity SDOHCC FHIR Implementation Guide.
Workflow Options: Patient Interactions

The IG supports clients (patients) interacting with other actors via an application that could enable various functions:

- Receive a copy of the service request sent to the service performer
- Receive contact information for the service performer
- Cancel the service and indicate the reason via a short questionnaire
- Complete a questionnaire or “form” to collect information regarding
  - social risks (risk assessments)
  - service qualification or application
- Receive information about available services (usually a PDF)
- Close the loop on services delivered (e.g., feedback forms)

See Exchange Workflows in the Gravity SDOHCC FHIR Implementation Guide
Open invitation

We want your feedback on the technical specs Gravity is developing—whichever pieces (or all of it) are of interest to you.

Join our weekly Wed meetings

Submit specification feedback here: http://hl7.org/fhir-issues
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

- Give yourselves a round of applause for the amazing work we have accomplished this year!

- 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
  
- Submit Veteran Status, IPV & Stress Consensus Votes by 5pm EST Friday, Dec 10th
  - https://forms.gle/t7YwK7Fcvgo2zWHXA
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

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

Help us find new sponsors and partners
Partner with us on development of blogs, manuscripts, dissemination materials
Gravity PMO Team

Evelyn Gallego
Program Manager
evelyn.gallego@emiadvisors.net
@egallego
linkedin.com/in/egallego/

Daniel Vreeman
Technical Director
dvreeman@rti.org
https://www.linkedin.com/in/danielvreeman/

Sarah DeSilvey
Clinical Informatics Director
sarah.desilvey@med.uvm.edu
@sarcandes
linkedin.com/in/sarah-desilvey-fnp/

Mark Savage
SDOH Policy Lead
MarkSavage.eHealth@pacbell.net
@SavageMeHealth
linkedin.com/in/mark-savage-34aa03126/

Lenel James
Payer Advisor
linkedin.com/in/lenel-james-4435ba

Additional questions? Contact: gravityproject@emiadvisors.net or visit https://thegravityproject.net