

The Gravity Project



Food Insecurity Data Set Identification

November 7, 2019

SIRENetwork.ucsf.edu

Welcome

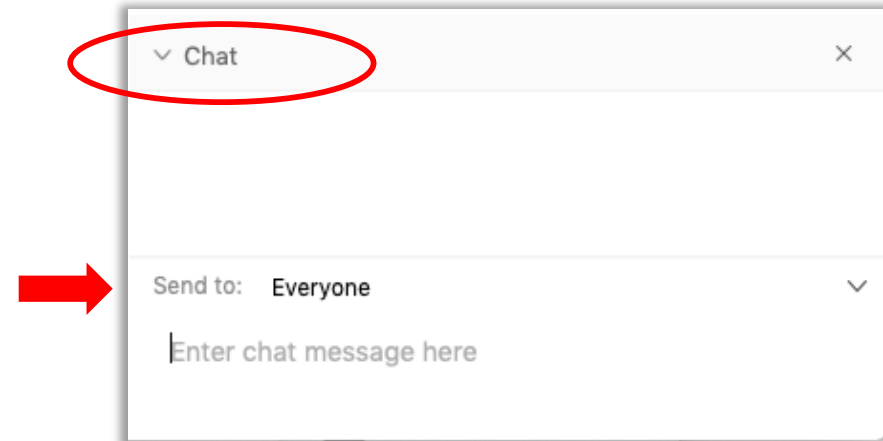
Thank you for joining the **Gravity Project** Workgroup meeting!

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 the meeting.

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 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:
<https://confluence.hl7.org/pages/viewpage.action?pageId=46892669#JointheGravityProject-GravityProjectMembershipList>
- For all other Gravity Project information, please visit:
<https://confluence.hl7.org/display/GRAV/The+Gravity+Project>

Agenda

Topic	Presenter
Welcome	Lynette
CPT Final Feedback	Sarah
Diagnosis Updates	Sarah
Food Insecurity Working Definition	Sarah
Latest End to End Review Feedback	Donna
Next Steps	Lynette

Please submit questions and comments using the Webex chat feature.

Gravity Project Schedule and Activities (Nov to Dec)

Week	Target Date	Gravity WG Meeting Tasks	Homework
 22	11/7	<i>Review: End-to-End Comment Dispositions To-Date</i>	Review Master List and Gravity Project Food Insecurity Definitions
23	11/14	<i>Review: End-to-End Comment Dispositions To-Date and Food Insecurity Definitions FHIR IG Development Process</i>	Review Master List and Gravity Project Food Insecurity Definitions
24	11/21	<i>Review: Food Insecurity Consensus Voting Process FHIR IG Development Process</i>	Food Insecurity Consensus Voting (11/21 – 12/5)
25	11/28	NO MEETING THANKSGIVING HOLIDAY	Happy Thanksgiving! Enjoy your holiday!
26	12/5	NO MEETING Internal Reconciliation of Consensus Votes and Comments	Submit: Housing Instability Data Elements
27	12/12	<i>Review: Consensus Voting Results and Dispositions Overview: FHIR IG Review Process</i>	Review FHIR IG and Submit Comments Submit: Housing Instability Data Elements

Please note: The December 12 meeting will be the last community meeting in 2019.

CPT Final Feedback

CPT® Update

We have received no emails objecting to the choice to limit CPT to just the screening and interpretation codes. So, onward.

96150	HEALTH AND BEHAVIOR ASSESSMENT (EG, HEALTH-FOCUSED CLINICAL INTERVIEW, BEHAVIORAL OBSERVATIONS, PSYCHOPHYSIOLOGICAL MONITORING, HEALTH-ORIENTED QUESTIONNAIRES), EACH 15 MINUTES FACE-TO-FACE WITH THE PATIENT; INITIAL ASSESSMENT
96151	HEALTH AND BEHAVIOR ASSESSMENT (EG, HEALTH-FOCUSED CLINICAL INTERVIEW, BEHAVIORAL OBSERVATIONS, PSYCHOPHYSIOLOGICAL MONITORING, HEALTH-ORIENTED QUESTIONNAIRES), EACH 15 MINUTES FACE-TO-FACE WITH THE PATIENT; RE-ASSESSMENT
96160	ADMINISTRATION OF PATIENT-FOCUSED HEALTH RISK ASSESSMENT INSTRUMENT (EG,HUNGER VITAL SIGN) WITH SCORING AND DOCUMENTATION, PER STANDARDIZED INSTRUMENT
96161	ADMINISTRATION OF CAREGIVER-FOCUSED HEALTH RISK ASSESSMENT INSTRUMENT (EG,HUNGER VITAL SIGN) FOR THE BENEFIT OF THE PATIENT, WITH SCORING AND DOCUMENTATION, PER STANDARDIZED INSTRUMENT
99420	ADMINISTRATION AND INTERPRETATION OF HEALTH RISK ASSESSMENT INSTRUMENT

Diagnosis Updates

Possible Food Insecurity Codes if We Consider Severity and Temporal Factors

- **Food Insecurity Unspecified** (necessary parent to allow observer to not further define)
 - **Mild Food Insecurity**
 - Mild Chronic Food Insecurity
 - Mild Recurrent Transitory Food Insecurity
 - Mild Transitory Food Insecurity
 - **Moderate Food Insecurity**
 - Moderate Chronic Food Insecurity
 - Moderate Recurrent Transitory Food Insecurity
 - Moderate Transitory Food Insecurity
 - **Severe Food Insecurity**
 - Severe Chronic Food Insecurity
 - Severe Recurrent Transitory Food Insecurity
 - Severe Transitory Food Insecurity

Gravity Food Insecurity Working Definition

Gravity Working Definition

Food Insecurity –

Uncertain, limited, or unstable access to food that is: sufficient in quantity; adequate in nutritional quality; culturally acceptable; safe and acquired in socially acceptable ways

Latest End to End Comment Review

End to End Comment Review

Screening/Assessment Query

88121-9 Hunger Vital Sign [HVS] panel

- Legacy questions rely on Food Insecurity definitions which may no longer be consistent with evolving Food Insecurity definitions
- Only addresses “food running out”
- Does not specify additional food characteristics (i.e., nutritional quality, culturally acceptable, safe and acquired in socially acceptable ways)

- Hunger Vital Sign limitations
- Valid screen
- Clinical judgment by a professional will yield further information about the presence or absence of food insecurity

End to End Comment Review

Screening/Assessment Query

- Could/should “Patient” be “Patient and family?”
- Screening questions evoke the family.
- Many patients may not have family.
- Households rather than family to accommodate those without family and/or those who have others with whom they share food

The subject of the observations in the use case is the patient

End to End Comment Review

Screening/Assessment Query

- (I/We) worried whether (my/our) food would run out before (I/we) got money to buy more.
- In the past four weeks, did **you or any other household member** have to eat fewer meals in a day because there was not enough food?
- **My/Our child** was/**The children** were not eating enough because (I/we) just couldn't afford enough food.
- Recognize that screening/assessment includes household
- Current scope → Patient of record
- Important outcome → the critical need to represent
 - Member/s of household
 - Child/ren in household

End to End Comment Review

Screening/Assessment Query

Did you rely on food from someone you know (family, friend, neighborhood resource) for a meal for yourself or your family in the last four weeks?

- Might be a facet of food insecurity
- Further exploration would be needed

Four weeks seems more reliable time frame for recollection than “the past year.”

- USDA economic factors
- Temporal factors (i.e., chronic, recurrent transitory, transitory)

End to End Comment Review

Screening/Assessment Query

Absence of *nursing*
screening question:

Have you not been able to nurse your baby because you didn't have enough to eat so you didn't have enough milk?
Is this within our scope?

- The mother is the patient of record

End to End Comment Review

Goals Query	
Food security (G-1)	Reword Goal: Client achieves food security
Food insecurity screened and intervened	
Decreased severity of food insecurity	
Decline in prevalence of food insecurity	
Food insecurity screened	

End to End Comment Review

Goals Query

Two facets

- Provision of food while the patient is in clinic that day (current hunger)
- Assistance finding more permanent solutions to hunger through community partners (ongoing food insecurity)

New Goal: Address severe food insecurity by connecting with emergency resources

End to End Comment Review

Intervention Query

Favorable alignment with intervention framework	Referral to... Evaluation of eligibility for.... Assistance with ... Education... Counseling... Programs... Food and nutrition incentive program (vouchers) Outreach for engagement.... Engagement interventions
Concept without alignment	Interpretation services Preferred language in use case is English

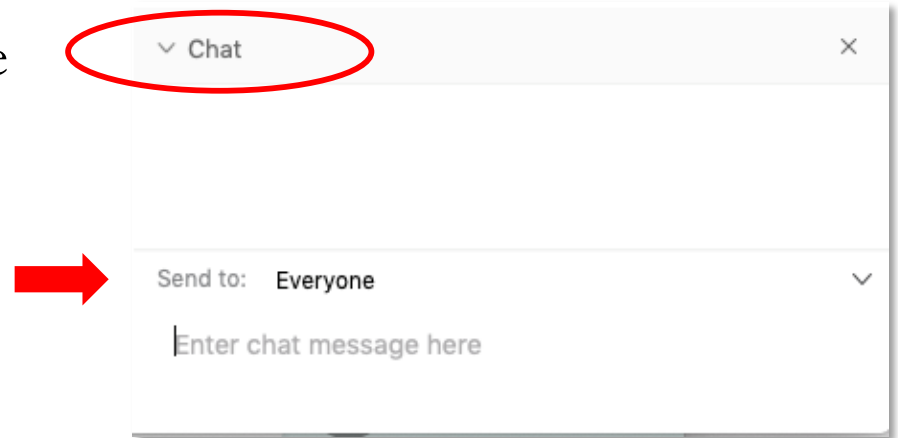
End to End Comment Review

Intervention Query	
Education	I-16 Food and nutrition incentive program education I-28 School meal and snack program education I-31 Summer meal and snack program education
Food and nutrition incentive program	Financial incentives or matching programs to promote consumption of healthful foods including produce via community supported agriculture and other initiatives
School meal and snack program	Meals and snacks that meet specific nutrition standards and are available to school-aged children throughout the year
Summer meal and snack program	A program that reimburses program operators who serve free healthy meals and snacks to children and teens in low-income areas

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.



Next Steps

Next Steps (Homework)

- Join our Connectathon Event (Q2 2020)
 - Sign up here:
<https://confluence.hl7.org/display/GRAV/Connectathon+Testing>
 - Looking for implementers across the health ecosystem—
EHRs, HIEs, PHRs, digital health, community-based services,
system integrators
 - Ideal to have both clinical and non-clinical participants

Thank you for participating in this national
consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net