Summary

1. Propose keeping Health Concerns as a separate data class
2. Propose renaming "Health Status" data class "Health Status/Assessments"
3. Propose a definition for "Health Status Assessment" and discuss the relationships among "Problems", "Health Concerns", and "Health Status/Assessments"
4. Propose content for the "Health Status/Assessments" data class
Recommend: Keep Health Concerns as separate data class as in V2. Do not subsume under Health Status in V3 because Health Concerns represent a different concept, related to but separate from Health Status and Problems.
Proposal: Rename Health Status Data Class

Recommend: Rename Health Status as Health Status/Assessments. Currently no data class in USCDI easily accommodates the results of standardized assessments. Assessments are the mechanism by which a Health Concern becomes a Health Status.
Three Complementary Data Classes

Observation: These three data classes are closely related yet separate. An Assessment may resolve or create a Health Concern; and it may create or resolve a problem. A Problem may become a Health Concern and vice versa. Each data class serves a distinct purpose.
# Health Status/Assessments

<table>
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<th>V3 Proposed</th>
<th>Recommendations</th>
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<tr>
<td>Health Concerns</td>
<td>Separate Health Concerns</td>
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<tr>
<td>Functional Status</td>
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<td>Disability Status</td>
<td>Expand Functional Status</td>
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<td>Mental Status</td>
<td>Expand Mental Status</td>
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<td>Pregnancy Status</td>
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<td>Smoking Status</td>
<td>Add Immunization Status: received/eligible</td>
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**Status:** received/eligible
Expand Functional Status

• Functional assessments measures an individual's level of function and ability to perform specific tasks on a safe and dependable basis over a defined period
  • Examples:
    • ADL /IADL Scales
    • Palliative Care Assessment
    • Pain
    • Mobility
    • Incontinence
    • Pediatric scales
    • Work Related Injuries
Functional Status Assessments

• ADLs/IADLs
  • Barthel index
  • Patient Specific Functional Scale
  • Canadian Occupational Performance Measure
  • Katz Index of Independence in ADL

• Palliative Care Assessment
  • Edmonton Symptom Assessment System
  • Karnofsky Performance Scale
  • Palliative Performance Scale

• Pain
  • Visual Analog Scale
  • McGill Pain Questionnaire
  • Pain Disability Questionnaire
Functional Status Assessments (Continued)

• Incontinence
  • Revised Urinary Incontinence Scale
  • Wexner Score

• Pediatric Scales
  • Pediatric Balance Scale

• Work Related Injuries
  • Functional Capacity Evaluation
  • Targeted Functional Assessment
<table>
<thead>
<tr>
<th>GG Code</th>
<th>Functional abilities and Goals</th>
</tr>
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<tbody>
<tr>
<td>06</td>
<td>Independent – Patient/resident safely completes the activity by him/herself with no assistance from a helper.</td>
</tr>
<tr>
<td>05</td>
<td>Setup or clean-up assistance - Helper sets up or cleans up; patient/resident completes activity.</td>
</tr>
<tr>
<td>04</td>
<td>Supervision or touching assistance - Helper provides verbal cues and/or touching/steadying and/or contact guard assistance as patient/resident completes activity</td>
</tr>
<tr>
<td>03</td>
<td>Partial/moderate assistance - Helper does LESS THAN HALF the effort. Helper lifts, holds or supports trunk or limbs, but provides less than half the effort.</td>
</tr>
<tr>
<td>02</td>
<td>Substantial/maximal assistance - Helper does MORE THAN HALF the effort. Helper lifts or holds trunk or limbs and provides more than half the effort</td>
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<tr>
<td>01</td>
<td>Dependent - Helper does ALL of the effort. Patient/resident does none of the effort to complete the activity. Or, the assistance of 2 or more helpers is required for the patient/resident to complete the activity.</td>
</tr>
<tr>
<td>07</td>
<td>Patient/resident refused.</td>
</tr>
<tr>
<td>09</td>
<td>Not applicable - Not attempted and the patient/resident did not perform this activity prior to the current illness, exacerbation, or injury.</td>
</tr>
<tr>
<td>10</td>
<td>Not attempted due to environmental limitations (e.g., lack of equipment, weather constraints).</td>
</tr>
<tr>
<td>88</td>
<td>Not attempted due to medical condition or safety concerns.</td>
</tr>
</tbody>
</table>
Expand Mental Status

• Mental Status includes memory, attention, language, perception, orientation, learning capacity, overall executive functioning, cognition, mood and behavior
  • Mini Mental Evaluation – LOINC 72107-6
  • Mini-Addenbrooke’s Cognitive Examination (MACE) – SNOMED CT 273249006
  • Neuropsychological batteries – SNOMED (see codes, e.g. for LURIA 273581001)
  • Glasgow Coma Scale – LOINC 35088-4
  • MOCA – LOINC 72133-2
  • SLUMS – LOINC 71492-6
Expand SDOH

• Relocate "SDOH Assessments" to "Health Status/Assessments"
• Include in "SDOH Assessments" the following standardized tools:
  • Protocol for Responding to and Assessing Patients' Assets, Risks, and Experiences (PRAPARE) - LOINC 93025-5
  • Accountable Health Communities (AHC) Health-Related Social Needs (HRSN) Screening Tool - LOINC 96777-8
  • Perceived Stress Protocol - LOINC 64394-0
  • US Food Security Surveys - LOINC 96576-4, 95361-2, 95246-5
  • WE CARE Survey - LOINC 96447-8
  • Patient-Reported Outcomes Measurement Information System (PROMIS) measures - LOINC 75418-4, 75421-8, 75420-0, 75419-2
  • Humiliation, Afraid, Rape, Kick (HARK) questions for intimate partner violence - LOINC 76499-3
  • Hunger Vital Sign (HVS) - LOINC 88121-9
• Gravity Project: latest recommendations
Add Immunization Status

• Create an Immunization Status as a supplement to the Immunizations Data Class

• Composed of:
  • Immunizations for which the individual is eligible
  • Immunizations that have been received
  • List of any immunization that has not been received