December 3, 2021

By electronic submission

Re: The Gravity Project’s December 2021 Consensus SDoH ICD-10-CM Submission

This proposal represents a formal Gravity Project ICD-10-CM submission representing needed terms from the project’s consensus, evidence-based analysis of social isolation, psychological stress, intimate partner violence, and elder abuse.

It also contains requests that serve as revisions to previous terms based on updates to the ICD-10-CM taxonomy.

We divide the submission into two sections. In the first section, we will cover an update to our previous submission for a material hardship term. This update will allow for clarifying the cause of the lack of basic needs (financial resource vs environmental drivers) by utilizing Z58 Problem related to physical environment. In the second we will address the new terms for NCHS ICD-10-CM Coordination and Maintenance Committee consideration.

Updates to Previously Submitted Terms

Material Hardship

The Gravity Project (GP) requests a revision of our original request for Z59.87 Material Hardship and asks that it be phrased as Z59.87 Material hardship, due to limited financial resources to clarify economics as the driver. Furthermore, we request a new term under Z58 to cover basic necessities unavailable in the environment, Z58.81 Material hardship, inadequate physical environment. In our winter 2020 submission, we requested a term for Material Hardship (defined as “The lack of specific socially perceived basic physical necessities” within Z59 Problems related to housing and economic circumstances. After the submission, in direct collaboration with NCHS, Z58 Problems related to the physical environment was reinstated to serve as the root for Z58.6 Inadequate drinking water supply. With the return of Z58 it is wise to split concepts that cover lack of physical necessities into those that are not available in the environment (under Z58) and those whose lack is driven by the inability to afford the necessity of concern (under Z59.) This is critical for care and analysis as root cause interventions on environmental concerns require community-level planning whereas interventions for economic concerns can be person-level through the provision of direct economic support.

History of Military Service

We again request a unique code Z91.85 Personal history of military service. In the Gravity Project’s ongoing collaboration with the US Department of Veteran Affairs we clarify the need for a distinct code
separate from Z91.82 Personal history of military deployment. The risks of deployment and service are distinct and need to be independently identified.

**Newly Submitted Terms**

**Loneliness and Lack of Social Support Inclusion Terms**

The Gravity Project worked with international experts on social connection over the course of 2021. Through that work, we identified missing concepts across the types of lack of social connection - social isolation, loneliness, and lack of social support. Social isolation is adequately covered in the taxonomy. However, in order to allow for consistent documentation of “loneliness” and “lack of social support” we ask for a “loneliness” inclusion term under R45.89 Other symptoms and signs involving emotional state and “lack of emotional support” under Z60.8 Other problems related to social environment.

**Non-Binary Perpetrator Terms**

The Gravity Project requests new codes for non-binary and gender non-conforming individuals within Y07 Perpetrator of assault, maltreatment, and neglect. Current perpetrator concepts are binary gender only and thus not inclusive. The Gravity Project’s request is not exhaustive; for this submission we are only requesting new terms for perpetrator concepts critical for the domains of elder abuse and intimate partner violence. However, a full audit of all perpetrator terms to ensure correct identification of non-binary and gender non-conforming individuals is required.

**Intimate Partner Violence**

The Gravity Project requests specific codes for intimate partner violence (IPV) (confirmed and suspected.) At present, in order to represent IPV across the age spectrum, one would have to code adult and child abuse codes across the abuse subtypes (neglect, physical, psychological, sexual exploitation, etc.) The subject matter experts and the collective agreed that encoding IPV between minors as child abuse misrepresented the term and we request a specific codes for IPV applicable to all ages.

**Elder Abuse**

The Gravity Project worked with national Elder Abuse subject matter experts over the course of 2021; through that work we have two areas of requested terms. All terms align with the Center for Disease Control and Prevention 2016 publication “Elder Abuse Surveillance: Uniform Definitions and Recommended Core Data Elements.” Elder Abuse is defined as “An intentional act or failure to act by a caregiver or another person in a relationship involving an expectation of trust that causes or creates a risk of harm to an older adult and can be in the form of physical abuse, psychological abuse, sexual abuse, financial abuse, and neglect by someone in a caregiving role. (The Gravity Project, 2021)” Applying this definition the GP recognizes the need for financial abuse terms (confirmed and suspected.) The Gravity Project also requests missing critical perpetrator codes to align with the CDC core data elements and the literature of elder abuse. In line with this our subject matter experts reviewed the term Y07.2 Acquaintance or friend, perpetrator of maltreatment and neglect presented at the September, 2021 ICD-10-CM Coordination and Maintenance Committee Meeting. The concept itself was approved by our subject matter experts. However, we suggest that it be placed under “Y07.5 Non-family member, perpetrator of maltreatment and neglect as Y07.54.”
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
    - Add
    - Unable to obtain internet service, inadequate physical environment
    - Add
    - Unable to obtain electricity, inadequate physical environment
    - New code
    - Z58.89 Other problems related to physical environment

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
    - Add
    - Material deprivation
    - Add
    - Unable to obtain adequate clothing due to limited financial resources
    - Add
    - Unable to obtain adequate utilities due to limited financial resources
    - Add
    - Unable to obtain adequate childcare due to limited financial resources
    - Add
    - Unable to obtain basic needs, due to limited financial resources

R45.8 Other symptoms and signs involving emotional state

- **R45.89 Other symptoms and signs involving emotional state**

  - Add
  - Loneliness

T74 Adult and child abuse, neglect, and other maltreatment, confirmed

- **T74.1 Physical abuse, confirmed**

  - Add
  - Excludes2: Intimate partner physical abuse, confirmed (T74.13)

  - **New code**

    - T74.13 Intimate partner physical abuse, confirmed

- **T74.2 Sexual abuse, confirmed**

  - Add
  - Excludes2: Intimate partner sexual abuse, confirmed (T74.23)

  - **New code**

    - T74.23 Intimate partner sexual abuse, confirmed

- **T74.3 Psychological abuse, confirmed**

  - Add
  - Excludes2: Intimate partner psychological abuse, confirmed (T74.33)

  - **New code**

    - T74.33 Intimate partner psychological abuse, confirmed

  - **New subcategory**

    - **T74.8 Financial abuse, confirmed**

    - **New code**

      - T74.81 Adult financial abuse, confirmed

T76 Adult and child abuse, neglect, and other maltreatment, suspected

- **T76.1 Physical abuse, suspected**

  - Add
  - Excludes2: Intimate partner physical abuse, suspected (T76.13)

  - **New code**

    - T76.13 Intimate partner physical abuse, suspected

- **T76.2 Sexual abuse, suspected**

  - Add
  - Excludes2: Intimate partner sexual abuse, suspected (T76.23)

  - **New code**

    - T76.23 Intimate partner sexual abuse, suspected

- **T76.3 Psychological abuse, suspected**

  - Add
  - Excludes2: Intimate partner psychological abuse, suspected (T76.33)

  - **New code**

    - T76.33 Intimate partner psychological abuse, suspected
New subcategory  T76.8  Financial abuse, suspected
New code  T76.81 Adult financial abuse, suspected

Z60 Problems related to social environment
  Z60.8 Other problems related to social environment
  Add  Inadequate social support
  Add  Lack of emotional support

Z65 Problems related to other psychosocial circumstances
  Z65.8 Other specified problems related to psychosocial circumstances
  Add  At risk for loneliness

Z91.8 Other specified personal risk factors, not elsewhere classified
  Z91.89 Other specified personal risk factors, not elsewhere classified
  Add  Increased risk for social isolation

Y07 Perpetrator of assault, maltreatment, and neglect
  Y07.0 Spouse or partner, perpetrator of maltreatment, and neglect
  New Code  Y07.05 Non-binary partner perpetrator, of maltreatment, and neglect
  Add  Gender non-conforming partner, perpetrator of maltreatment and neglect

Y07.4 Other family member, perpetrator of maltreatment or neglect
  New Code  Y07.44 Child (biological, step, in-law, foster, adopted), perpetrator of maltreatment, and neglect
  Add  Son, perpetrator of maltreatment, and neglect
  Add  Daughter, perpetrator of maltreatment, and neglect
  Add  Non-binary child, perpetrator of maltreatment, and neglect

New Code  Y07.45 Grandchild (biological, step, in law, foster, adopted), perpetrator of maltreatment, and neglect
  Add  Grandson, perpetrator of maltreatment, and neglect
  Add  Granddaughter, perpetrator of maltreatment, and neglect
  Add  Non-binary grandchild, perpetrator of maltreatment, and neglect

New Code  Y07.46 Grandparent, perpetrator of maltreatment, and neglect
  Add  Grandfather, perpetrator of maltreatment, and neglect
  Add  Grandmother, perpetrator of maltreatment, and neglect
  Add  Non-binary grandparent, perpetrator of maltreatment, and neglect
| New Code | Y07.47 Parental sibling, perpetrator of maltreatment and neglect |
| Add | Aunt, perpetrator of maltreatment and neglect |
| Add | Uncle, perpetrator of maltreatment and neglect |
| Add | Non-binary parental sibling, perpetrator of maltreatment or neglect |

Y07.499 Other family member, perpetrator of maltreatment and neglect

Add | Excludes2: Parental sibling, perpetrator of maltreatment and neglect |

Y07.5 Non-family member, perpetrator of maltreatment and neglect

New Code | Y07.54 Acquaintance or friend, perpetrator of maltreatment and neglect |

**Z91 Personal risk factors, not elsewhere classified**

| Z91.4 | Personal history of psychological trauma, not elsewhere classified |
| Add | Z91.41 Personal history of adult abuse |

| Add | Z91.413 Personal history of adult financial abuse |
| Add | Z91.8 Other specified personal risk factors, not elsewhere classified |

| Z81.82 | Personal history of military deployment |
| Add | Excludes2: Personal history of military service (Z91.85) |

**New code Z91.85 Personal history of military service**

| Add | Excludes2: Personal history of military deployment (Z91.82) |
| Add | Veteran |
| Add | Served in the armed forces |