SNOMED CT Observables

October 21, 2019
SNOMED CT observables

- Servings of food
- Energy intake
- Fluid intake
Servings of food

Use: To estimate intake of food servings in one day

Estimated fruit servings intake in 24 hours

Estimated vegetable servings intake in 24 hours


FRUIT
Young children (1-3 years)
125 grams/serving

Adults
140 grams/serving
280 grams/serving (watermelon)
40 grams/serving dried fruit
### Servings of food

| Count of entities (property) (qualifier value) |

**SCTID**: 410681005

410681005 | Count of entities (property) (qualifier value) |

- **en**: Count of entities (property) (qualifier value)
Servings of food

Summary

Parents

- Fruit intake (observable entity)
- Nutrient intake (observable entity)

Children (0)

No children
Energy intake

Use: To estimate energy intake in one day

Estimated energy intake in 24 hours

Calorie

• SNOMED CT qualifier value of calorie (small c) which defined means the amount of heat it takes to raise 1 g water 1 degree Celsius

• Dietetics professionals use kilocalories (kcal) and kilojoules (kJ), thus energy is a more appropriate concept
Energy intake

<table>
<thead>
<tr>
<th>LOINC CODE</th>
<th>LONG COMMON NAME</th>
<th>LOINC STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>75298-0</td>
<td>Calorie intake 24 hour Estimated</td>
<td>Active</td>
</tr>
</tbody>
</table>

**FULLY-SPECIFIED NAME**

<table>
<thead>
<tr>
<th>Component</th>
<th>Calorie intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property</td>
<td>EngRat</td>
</tr>
<tr>
<td>Time</td>
<td>24H</td>
</tr>
<tr>
<td>System</td>
<td>^Patient</td>
</tr>
<tr>
<td>Scale</td>
<td>Qn</td>
</tr>
<tr>
<td>Method</td>
<td>Estimated</td>
</tr>
</tbody>
</table>

**Additional Names**

<table>
<thead>
<tr>
<th>Short Name</th>
<th>Calorie intake 24h Est</th>
</tr>
</thead>
</table>

**Term Description**

The patient or client's total estimated amount of energy from caloric intake from all sources, (such as food, beverages, supplements, and via enteral and parenteral routes) for a 24 hour period. The estimated calorie intake is reported retrospectively by the patient or by the dietitian upon inspection of the patient's intake. Caloric intake can be reported in kilogram calorie or kilojoule units. The conversion factor is (1 kilojoule (kJ) = 0.239 kilogram calorie (kcal)). This term was created for, but not limited in use to, the HL7 Implementation Guide for CDA Release 2: Consolidated CDA Templates for Clinical Notes (US Realm) Draft Standard for Trial Use Release 2.1.

Source: Regenstrief LOINC
Use: To estimate fluid intake in one day

Estimated fluid intake in 24 hours

Fluid

- 226465004 |Drinks (substance)|
- Fluid content of food
- Fluid content of enteral nutrition solution
- Fluid content of parenteral nutrition (TPN) solution
- 118431008 |Fluid for intravenous administration
Substance (substance)

- Allergen class (substance)
- Biocide (substance)
- Biological substance (substance)
- Body substance (substance)
- Diagnostic substance (substance)
- Drug or medicament (substance)
- **Edible substance (substance)**
- Material (substance)
- Substance categorized by disposition (substance)
- Substance categorized by hazard characteristics (substance)

- Substance categorized by physical state (substance)
  - Aerosol (substance)
  - Dust (substance)
  - Gaseous substance (substance)
  - Inert matter (substance)
  - **Liquid substance (substance)**
  - Natural form of water (substance)
  - Solid substance (substance)
  - Vapor (substance)

- Substance categorized by structure (substance)
- Substance categorized functionally (substance)
Fluid intake (observable)

Parents
- Substance categorized by physical state (substance)

Children (12)
- Body fluid (substance)
- Dialysis fluid (substance)
- Diluate (substance)
- Fluid for intravenous administration (substance)
- Hot liquid (substance)
- Liquid of non-biological origin (substance)
- Liquid oxygen (substance)
- Molten metal (substance)
- Solution (substance)
- Soya milk (substance)
- Suspension (substance)
- Volatile agent (substance)
Inadequate fluid intake (finding)

Parents
- Clinical history and observation findings (finding)
- Endocrine, nutritional and metabolic finding (finding)
- Finding of fluid intake (finding)

Finding of insufficient fluid intake (finding)
SCTID: 249481003
249481003 | Finding of insufficient fluid intake (finding) |
en Poor fluid intake
en Inadequate fluid intake
en Insufficient fluid intake - finding
en Finding of insufficient fluid intake (finding)
en Insufficient fluid intake
en Finding of insufficient fluid intake

Children (2)
- Inadequate oral fluid intake for physiological needs (finding)
- Insufficient intake of food and water co-occurrent and due to self neglect (finding)
Questions?