### 2018-03-05 - OBSERVABLE Meeting

#### Date
2018-03-05 20.00 UTC

#### Zoom Details
https://snomed.zoom.us/j/992630241

#### Attendees
- Farzaneh Ashrafi
- David Sperzel
- Suzanne Santamaria
- Daniel Karlsson
- Rob Hausam
- Xavier GANSEL
- Michael Osborne

#### Objectives
- Resolve Likelihood observables
- Resolve Susceptibility issue

#### Discussion items

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Owner</th>
<th>Notes</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Welcome &amp; apologies</td>
<td>Daniel Karlsson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Conflicts of interest</td>
<td>Daniel Karlsson</td>
<td>• None stated</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Previous minutes</td>
<td>Daniel Karlsson</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 4    | LOINC collaboration | Farzaneh Ashrafi, Daniel Karlsson, Rob Hausam | • Likelihood  
  - Two distinct cases were identified:  
    1. Specifying certainty (or uncertainty) about the result of an observation. Examples: Fetal sex, Trisomy 21 present by "Dosage of chromosome specific cf DNA" method.  
    2. Prediction of a possible future event based on varying amount of information about the patient, from population-only based assessment (i.e. prevalence) to assessment based on several variables. Examples include 1p36 deletion risk based on population risk, Trisomy 21 risk based on maternal age, to the CHADS-VASC instrument. |        |

#### Example values:

- **Trisomy 19 (19T)**
  - **Low Risk**
    - **Result:** Low
    - **Probability:** 0.15%
    - **Recommendation:** More monitoring needed

- **Trisomy 21 (21T)**
  - **Low Risk**
    - **Result:** Low
    - **Probability:** 0.15%
    - **Recommendation:** More monitoring needed

- **Trisomy 18 (18T)**
  - **Low Risk**
    - **Result:** Low
    - **Probability:** 0.15%
    - **Recommendation:** More monitoring needed

- **Trisomy 13 (13T)**
  - **Low Risk**
    - **Result:** Low
    - **Probability:** 0.15%
    - **Recommendation:** More monitoring needed

- **CHADS-VASC**
  - **Low Risk**
    - **Result:** Low
    - **Probability:** 0.15%
    - **Recommendation:** More monitoring needed

#### Meeting Files

<table>
<thead>
<tr>
<th>File</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNG File <code>image2017-12-18_22-22-1.png</code></td>
<td>2018-Mar-05 by Daniel Karlsson</td>
</tr>
</tbody>
</table>

### Apologies

- 

---

*Please note that the 'Example values' section contains a table with probabilities and recommendations for different conditions, which is not fully transcribed here.*
1. Mapping of LOINC component for Susceptibility LOINC terms
   - Two alternatives for representing LOINC component / SNOMED Towards:
     1. Use substances: have to add combined substances for combined antibiotics, e.g. Amoxicillin+Clavulanic acid. Cannot represent strengths. Cannot represent only vs. contains semantics(?).
     2. Use products: Depending on drug project, may represent only/contains, can represent strength, can represent combinations. This was the alternative proposed by the project group.
   - Strength-specified antibiotics are used in some susceptibility tests, particularly for mycobacteria, and the model would need to represent strengths somehow.

2. LOINC - SNOMED issues (1h)
   - Other future areas will be explored, e.g. device observables, diet observables.

3. Next meeting is on the 2018-03-19 20.00 UTC

Recording

Previous Meetings

<table>
<thead>
<tr>
<th>Title</th>
<th>Creator</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-02-24 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2020-Feb-26</td>
</tr>
<tr>
<td>2020-01-27 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2020-Jan-29</td>
</tr>
<tr>
<td>2019-12-16 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Dec-16</td>
</tr>
<tr>
<td>2019-11-18 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Dec-16</td>
</tr>
<tr>
<td>2019-10-29 - OBSERVABLE Face-to-face Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Nov-18</td>
</tr>
<tr>
<td>2019-10-21 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Oct-21</td>
</tr>
<tr>
<td>2019-09-16 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Sep-17</td>
</tr>
<tr>
<td>2019-08-19 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Aug-20</td>
</tr>
<tr>
<td>2019-06-10 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Jul-15</td>
</tr>
<tr>
<td>2019-05-20 - OBSERVABLE Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-Jun-10</td>
</tr>
<tr>
<td>2019-04-08 - OBSERVABLE Face-to-face Meeting</td>
<td>Daniel Karlsson</td>
<td>2019-May-15</td>
</tr>
</tbody>
</table>

More Zoom details

Topic: Observables meeting

Time: this is a recurring meeting Meet anytime

Join from PC, Mac, Linux, iOS or Android: https://snomed.zoom.us/j/992630241

Or Telephone:
   - Dial: +46 (0) 8 4468 2488 (SE Toll)
   - +61 (0) 2 8015 2088 (AU Toll)
   - +32 (0) 2 588 4188 (BE Toll)
   - +1 647 558 0588 (CA Toll)
   - +56 41 256 0288 (CL Toll)
   - +40 2 2888 2388 (CZ Toll)
   - +45 89 88 37 88 (DK Toll)
   - +372 880 1188 (EE Toll)
   - +852 5808 6088 (HK Toll)
   - +353 (0) 1 691 7488 (IE Toll)
   - +972 (0) 3 978 6888 (IL Toll)
   - +370 5214 1488 (LT Toll)
   - +60 3 9212 1727 (MY Toll)
   - +356 2778 1288 (MT Toll)
   - +39 20 241 0288 (NL Toll)
   - +64 (0) 9 801 1188 (NZ Toll)
   - +65 3158 7288 (SG Toll)
   - +47 2396 0588 (NO Toll)
   - +49 22 307 3488 (PL Toll)
   - +351 308 804 188 (PT Toll)
   - +420 2 2888 2388 (SK Toll)
   - +386 1888 8788 (SI Toll)
   - +34 91 198 0188 (ES Toll)
   - +41 (0) 31 938 0988 (CH Toll)
   - +44 (0) 20 3695 0088 (GB Toll)
   - +1 408 638 0968 (US Toll)
   - +1 646 876 9923 (US Toll)
   - +1 566 900 8933 (US Toll)

Meeting ID: 992 630 241

International numbers available: https://snomed.zoom.us /zoomconference?m=AQWV2VqAIQYWMcMapi9CoYsaj1TVS7K