openEHR modelling practical

Getting started  
  
1. Open a web browser – Chrome or Firefox are best  
  
2. Go to [https://tools.openehr.org/designer](https://tools.openehr.org/designer/#/designer/repos)

3. Login: freshehr\_training Password: ad4freshtraining

4. Choose the repository allocated to you – Aberdeen, Dundee or Inverness  
  
5. Find ‘Nursing Admission Assessment STARTER.v0 in the list of templates. This will open the template.

A. Tidy the basic template

# Problem/Diagnosis

* Rename Problem/Diagnosis archetype to Main Diagnosis
* Constrain out everything apart from Problem/Diagnosis name

# Adverse Reaction Risk

* Pull in Adverse Reaction Risk archetype
* Constrain out everything apart from Substance and Manifestation
* Rename ‘Manifestation’ to ‘Reaction Details’ and make it mandatory

# Medication Order

* Clone Specific direction description
* Rename one to Dose and the other to Frequency

# Vital Signs section

* Pull in Pulse Oximetry into Vital Signs section
* Constrain out everything apart from SpO2 ratio
* Make systolic and diastolic BP mandatory
* Make all vital signs archetype single occurrence only

# Add a Clinical Frailty scale

* Goto <https://ckm.openehr.org/ckm/archetypes/1013.1.4691/export>
* Press the ‘Export ADL’ button and save the archetype somewhere on your system
* Go back into Archetype Designer and go to top-menu->‘Import’ then either Browse to your file or drag and drop then Upload.
* Go back to your template, click on ‘content’, then pull in the Clinical Frailty scale from the list of archetypes on the right.

B. Create a new local archetype - Additional information on admission

Create a new ADMIN\_ENTRY archetype called ‘Inpatient admission details’ then add these ‘element’ datapoints

**Mode of access** Ambulatory

Wheelchair

Stretcher

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Transported with** Oxygen

Monitor

IV

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Admission method** Waiting list

Booked

Planned

A&E department

General Practitioner

Bed Bureau

Consultant Clinic

Other ­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Help needed** Yes No

Once you have created your new archetype, go back to your template. Highlight ‘content’ and add your new archetype then Save it.