5/18/2017 - Cooking with CQL: or How to Author eCQMs with QDM and CQL - SESSION 14

General Clinical Quality Language

Q. Where is the encounter defined in the Hospitalization function?

A. The encounter is passed as an argument to the function, so the logic operates on whatever encounter is passed in.

Measure Representation

Q. What is the difference in the query order between:

a) Define "Encounter With ED Visit Less Than Two Days":

"Encounter with Ischemic Stroke" E

with "ED visit" ED

And

b) Define "ED Visit Less Than Two Days":

"ED Visit" ED

with "Encounter With Ischemic Stroke" E

A. Query (a) is returning the inpatient encounters, not the ED visits. What should be counted in this measure is inpatient encounters. We are interested in a case where there was a prior ED visit to consider as part of the encounter. Query (b) is returning the ED visits immediately following an inpatient encounter.

Q. In the example below, does using exist have any impact when also using the union to define the numerator?

Define "Numerator":

"Encounter With Antithrombotic Therapy"

union "Encounter With ED Visit With Antithrombotic Therapy"

A. Yes, and it depends on whether we are defining a patient-based or encounter-based measure. For an encounter based measure, what we are returning from all the criteria are lists of encounters. In a patient-based measure, what we are returning from all the criteria is true or false. So, in a patient-based measure you use exist to get a list to be true or false. In an episode-based measure, we are returning lists, so we don't use exist.