Tutorial: SNOMED CT Concept Model

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Duration: 90 mins (including discussion)

Audience
All standards and terminology leaders, implementers and users.

Objectives
To understand the importance and the key aspects of concept model for SNOMED CT content development and advanced implementation.

Outline
The tutorial will cover the following topics:

1) Introduction to concept model
   a. Concept model
      i. Top level categories
      ii. Attributes
         1. Subtype IS A
         2. Defining attributes and values
      iii. Domains and Ranges
      iv. Primitive vs. Fully defined
      v. Stated view vs. Inferred view
      vi. Description Logic classification
   b. Expression and syntax
      i. Pre - coordinated expression
      ii. Post - coordinated expression
      iii. Compositional grammar
      iv. OWL

2) Clinical finding/disorder concept model
3) Procedure concept model
4) Situation with explicit context concept model