



## 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