201951 SNOMED CT demonstration: clinical data analytics

ABSTRACT:

This will be a demonstration of the use of an advanced technique for analyzing data with SNOMED-CT based on it's internal logic model. Unlike ICD and other commonly used terminologies, SNOMED-CT is based on formal logic and is a sub type of OWL (Web Ontology Language).

In this demo we will use the relationships/roles that link SNOMED domains such as "finding site", "associated morphology" and "causative agent" to define cohorts of patients in a large clinical repository (simulated) to answer a complex clinical problem for which there is no guidance in the literature.

PRESENTATION:

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