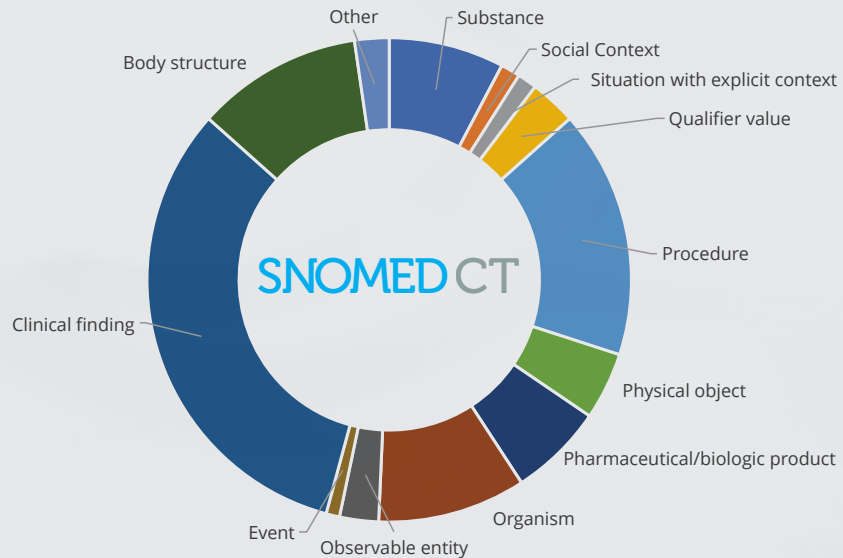


SNOMED CT: at a glance



UNMATCHED CLINICAL BREADTH

SNOMED CT enables clinicians to record data with enhanced accuracy and consistency largely through electronic health records.

The purpose of SNOMED CT is to encode the meanings used in health information and support the clinical recording of data to improve patient care.

SNOMED CT is the the most comprehensive, multilingual clinical terminology in the world.



SNOMED CT

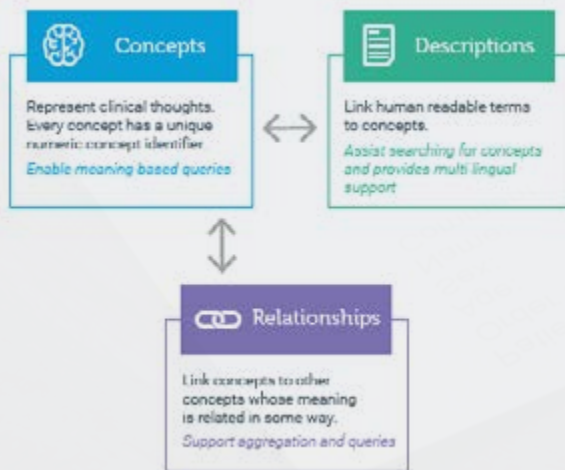
HOW DOES SNOMED CT WORK?

SNOMED CT is a controlled coded clinical terminology intended for use in electronic health records.

When implemented in an electronic health record (EHR), SNOMED CT can be used to represent relevant clinical information consistently and comprehensively as an essential part of producing electronic health information.

SNOMED CT provides health care professionals the ability to use different terms that mean the same thing when implementing SNOMED CT in their software applications.

SNOMED CT contains concepts with unique meaning and formal logic based definition and is organized into hierarchies. SNOMED CT content is represented using three types of components:

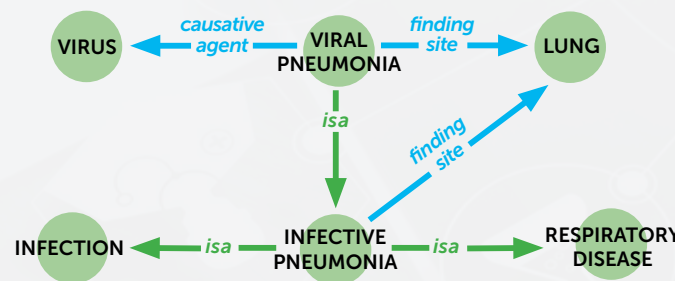


WHO BENEFITS FROM SNOMED CT?

<ul style="list-style-type: none"> enhances patient safety decreases the need to repeat health history facilitates consistent and reliable patient information 	PATIENTS 	CLINICIANS 	<ul style="list-style-type: none"> clinician oriented, clinically validated and semantically rich improves data portability and consistent sharing within and across healthcare settings enables enhancement in the delivery of patient care using customizable queries
<ul style="list-style-type: none"> enables solutions with robust clinical decision support, leading to market differentiation improves market differentiation 	VENDORS 	OUR MEMBERS 	<ul style="list-style-type: none"> enables broad use of information including health system and clinical program management, public health and research facilitates data integration and customization based on national priorities Updated twice a year to help users keep pace with the advances of healthcare terminology

SNOMED CT ADDS MEANING

A key benefit of SNOMED CT is that it allows the meaning of information recorded in electronic records using SNOMED CT concepts to be computer processable. This is possible because each coded concept is linked to other concepts, which are logically related.



For example: viral pneumonia is linked through a series of 'is a' relationships that represent a polyhierarchy of subtypes.

Viral pneumonia 'is a' infective pneumonia, infective pneumonia 'is a' infection, and similarly, infective pneumonia 'is a' respiratory disease.

SNOMED CT links concepts to the applicable part of the body, or **finding site**, as well as the **cause** (e.g. causative agent.)

CONTACT

@ snomed.org

✉ info@snomed.org

in linkedin.com/company/ihtsdo

🐦 @SnomedCT

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