

pharmacy

Looking for a solution to integrate drug content into your electronic health record?

SNOMED CT is a comprehensive health care terminology with coverage of diseases, clinical findings, and procedures. It comprises concepts, terms, and relationships to precisely represent clinical knowledge across the scope of health care worldwide. The content is regularly monitored and updated for new medical and scientific developments.

The SNOMED CT Pharmaceutical/Biological product hierarchy contains representations of therapeutic use categories and, from those categories, specific generic products currently available in the United States and the United Kingdom.

The pharmaceutical/biologic core facilitates the ability of hospitals, clinical practices, research facilities, and health care and pharmaceutical companies to remain current with a single, comprehensive list of ready-to-use international generic drugs.

SNOMED CT Pharmaceutical/Biological product content:

- Describes generic drug names, relevant strengths, dosage forms, and unit dose of specific drug products in a single concept
- Maintains current therapeutic use categories and drug classes for global prescribing
- Supplies logical content categories for drug allergies

Sample content in the SNOMED CT Pharmaceutical/Biological product hierarchy:

- Calcium channel blocking agent (product)
- Aromatase inhibitor (product)
- Direct acting anticoagulant (product)

SNOMED CT facilitates retrieval of clinical drug data with the Virtual Therapeutic Moiety (VTM) and Virtual Medicinal Products (VMP) subsets.

● Sample Virtual Therapeutic Moiety content:

- Warfarin (product)
- Naproxen (product)
- Ramelteon (product)

● Sample Virtual Medicinal Products (VMP) content:

- Ibuprofen 200mg tablet (product)
- Budesonide 400mcg breath-actuated dry powder inhaler (product)
- Imiglucerase 200 units powder for infusion solution vial (product)

When you implement SNOMED CT, your organization benefits from:

- Access to comprehensive coverage of prescription and over-the-counter products
- Support for computerized physician order entry
- SNOMED CT's interoperability with other clinical terminologies found in the National Library of Medicine (NLM) Unified Medical Language System (UMLS)

| pharmacy

SNOMED CT and the Structured Product Labeling (SPL) Standard

In April 2006, the FDA announced the selection of SNOMED CT as one of the terminologies of choice for the highlights section of the SPL standard. The choice of SNOMED CT was made to facilitate a one-to-one mapping between concepts and codes commonly used in electronic health records and the same concepts and codes used in the electronic prescribing information found in the SPL highlights section.

SNOMED CT clinical content will be used for the following SPL data elements:

- Indications
- Conditions of Use
- Preconditions
- Limitations of Use
- Drug Interaction Consequences

SNOMED CT allows you to build a data repository over the pharmaceutical life cycle, with data aggregation and retrieval at the level of detail you need because of the robust content, multi-axial hierarchies, and semantic relationships. The rich level of synonymy allows you to record data in “your words” and have it stored in a standard code. Utilizing this standard terminology for data sharing, you can capture detailed point of care descriptions, severity, and attributes for lateral relationships.

SNOMED Terminology Solutions

SNOMED Terminology Solutions has the expertise in pharmacy and clinical content to lay the groundwork for its use and implementation and works with vendors and pharmacy content developers to identify the concepts needed for SPL coding, computerized order entry, and allergy checking.

SNOMED Terminology Solutions’ staff maintains a strong international presence through its relationships with the international pharmacy and standards organizations.

Let SNOMED Terminology Solutions assist in using standardized pharmacy terminology to facilitate greater interoperability across health care organizations and clinical settings, enabling time and cost savings and enhancement of patient care.

Pharmacy Terminology Content Services provides:

- Education including Web teleconference and classroom sessions including hands-on encoding experience. All education can be customized to your preferred location/date/time and your specific documentation needs.
- Consulting to address specific pharmacy terminology dilemmas and encoding project validation.

Contact SNOMED Terminology Solutions at snomedolutions@cap.org to receive more information on pharmacy content education and consulting and to learn about other products and services to support your implementation and use of SNOMED CT.

325 Waukegan Road
Northfield, IL 60093
800-323-4040
847-832-7000
www.capsts.org

cap **STS**™ SNOMED Terminology Solutions
A Division of the College of American Pathologists

Advancing Excellence