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## SNOMED Clinical Terms® (SNOMED CT®) International Release – July 2011

The SNOMED CT core terminology provides a common language that enables a consistent way of indexing, storing, retrieving, and aggregating clinical data across specialties and sites of care. The International Health Terminology Standards Development Organisation (IHTSDO®) maintains the SNOMED CT technical design, the core content architecture, the SNOMED CT core content (includes the concepts table, the descriptions table, the relationships table, a history table, and ICD mappings), and related technical documentation.

### Concepts

The July 2011 International Release content hierarchy includes more than 295,000 active concepts with formal logic-based definitions, organized into top-level hierarchies:

Body structure	Observable entity	Situation with explicit content
• Morphologically abnormal structure	Organism	Social context
Clinical finding	Pharmaceutical / biologic product	Special concept
• Finding	Physical force	Specimen
• Disease	Physical object	Staging and scales
Environment or geographical location	Procedure	Substance
Event	Qualifier Value	
Linkage concept	Record artifact	

### Descriptions

Contains more than 769,000 active English-language descriptions for flexibility in expressing clinical concepts.

### Relationships

Provides more than 837,000 logically-defining relationships enable consistency of data retrieval and analysis.

### Attributes

#### **Body Structure**

Laterality

#### **Clinical Finding**

Associated With

- After
- Causative Agent
- Due To

Associated Morphology

Clinical Course

Episodicity

Finding Informer

Finding Method

Finding Site

Has Definitional Manifestation

Has Interpretation

Interprets

Occurrence

Pathological Process

Severity

#### **Events**

Associated With

- After
  - Causative Agent
  - Due To
- Occurrence

#### **Evaluation Procedure**

Component

Has Specimen

Measurement Method

Property

Scale Type

Time Aspect

#### **Pharmaceutical/Biologic Product**

Has Active Ingredient

Has Dose Form

#### **Physical Object**

Has Active Ingredient

#### **Procedure**

Access

Direct Substance

Has Focus

Has Intent

Method

Priority

Procedure Device

- Direct Device

- Indirect Device

- Using Access Device

- Using Device

Procedure Morphology

- Direct Morphology

- Indirect Morphology

Procedure Site

- Procedure Site – Direct

- Procedure Site – Indirect

Recipient Category

Revision Status

Route of Administration

Surgical Approach

Using Energy

Using Substance

#### **Situation with Explicit Context**

Associated Finding

Associated Procedure

Finding Context

Procedure Context

Subject Relationship Context

Temporal Context

#### **Specimen**

Specimen Procedure

Specimen Source Identity

Specimen Source Morphology

Specimen Source Topography

Specimen Substance

## Release Notes for the July 2011 International Release

### 1. New SNOMED CT Content

1,961 concept codes were added for the July 2011 International Release, along with 511 new descriptions for previously released, active concepts.

### 2. First Release Format 2 Production Release

The July 2011 International Release is the first SNOMED CT production release to be distributed in the new “Release Format 2” (RF2) format. The July 2011 release is available in both the conventional (“RF1”) release format and in RF2 format. Both versions of the July 2011 International Release include the same SNOMED CT clinical content and may be used in appropriately configured systems.

Please refer to the SNOMED CT Technical Implementation Guide provided with the release for more information regarding the RF2 release format.

### 3. Consolidation of Release Documentation

Beginning with the July 2011 International Release, the following materials, which were previously published as separate documents, have now been incorporated into the SNOMED CT Technical Implementation Guide (TIG):

- Namespace Identifier Guide
- File Naming Convention
- RF2 Update Guide
- RF2 Data Structures Specification
- RF2 Reference Set Specifications

In addition, the materials contained in the SNOMED CT Technical Reference Guide (TRG) have also been integrated into the TIG, although the TRG has also been published separately for the July 2011 International Release.