



India Drug Extension for SNOMED CT®

[Developer Preview – BETA]

Release Date: January 05, 2018

Introduction

National Resource Centre for EHR Standards (NRCeS), sponsored by Ministry of Health and Family Welfare (MoHFW), Government of India is responsible for accelerating and promoting usage of SNOMED CT in India.

SNOMED CT® is a comprehensive clinical terminology which is used to capture, retrieve and analyze clinical data in Electronic Health Records (EHR). It is owned by SNOMED International, United Kingdom.

The India Drug Extension for SNOMED CT® is a listing of the concepts, descriptions, and relationships to complement the international content of the SNOMED CT International Release for use in India.

Purpose

It has been recognized that there is a lack of a standardized terminology of medicines or clinical drugs available in India. Although internationally, SNOMED CT and other country-specific drugs terminologies are present, none of these terminologies cover entire set of drugs available in India.

The India Drug Extension is being developed to facilitate the use of SNOMED CT as the primary coding terminology for data entry, data retrieval, data analytics, documentation, reporting, etc. of medicines or clinical drugs in electronic health records.

The Extensions are the mechanism to extend SNOMED CT for the specialized terminology needs such as medicine and terminology to match requirements of different clinical specialties/domains.

Scope

This release of India Drug Extension for SNOMED CT has medicines/ clinical drugs concepts for tablets and capsules with oral dose form. This is a **BETA** release contains a limited set of Drug concepts to familiarize affiliates and vendors to the format and model of the national drug extension. This **BETA** release package is distributed for **Development, Review and Testing purposes only. It must NOT be used in production clinical systems or in clinical settings.**

Audience

This extension can be used by both public and the private sectors in health information systems. The intended audience include software developers, content developers, testers, analysts, health IT professionals, and researchers.

Release Summary

This extension includes Clinical Drugs for tablets and capsules with oral dose form. This extension has about 1000 concepts for tablets and capsules.

The levels of Clinical Drugs represented in the International Release include Medicinal Product (MP) and Medicinal Product Form (MPF). Clinical Drugs contain brand specific or country specific information and consequently are represented in an extension and not in the International Release.

The current extension covers following types of Clinical Drugs in terms of composition:

- Single ingredient
- Multi-ingredient

Clinical Drugs included in the India Drug Extension for SNOMED CT® are defined by certain defining attributes or characteristics includes; a trade product name, strength, form, and active ingredients.

Clinical Drugs in an extension have a direct link to their corresponding components in the International Release via the IS_A relationship or to a corresponding components in the extension.

Note

The Stated and Inferred Relationship files are same in this release. Hence inferences through inferred view relations might not be accurate.

This release of India Drug Extension for SNOMED CT is not an exhaustive set Clinical Drugs for tablets and capsules available in India. This release contains a limited set of Drug concepts to familiarize affiliates and vendors to the format and model of the national drug extension. In evidence of any material error, change or correction you are requested to immediately report it at nrc-help@cdac.in.

Team at NRCeS provides a continuous support and consulting services to assist Indian affiliates in understanding, implementing and using SNOMED CT. For any support or assistance, please email at nrc-help@cdac.in.

Get Release Files

The India Drug Extension for SNOMED CT are available to Affiliate Licensees through Member Licensing and Distribution Service (MLDS) or accessed online here:

https://www.nrces.in/resources#snomedct_refsets

Acknowledgement & Contributions

This extension includes drug information corpus contribution from *All India Institutes of Medical Sciences (AIIMS)*, New Delhi; *1MG Technologies Private Limited*, Gurgaon, Haryana; and *Center for Development of Advanced Computing (C-DAC)*- Noida Centre.