

India Reference Sets for SNOMED CT®

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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.

Reference set (Refset) is a set of references to SNOMED CT components. Simple reference sets are used to distribute SNOMED CT subsets. A SNOMED CT subset is a collection of components (concepts, descriptions or relationships) from an edition of SNOMED CT.

Purpose

The Reference Sets are used to constrain, configure and enhance functionality of the clinical terminology to match requirements of different clinical specialties/domains. They provide ease of using and managing SNOMED CT codes in an application developed for a particular domain. They could be used for data entry, data retrieval, data analytics, documentation, reporting, etc.

The Reference Sets are the mechanism of using SNOMED CT as a specialized terminology to match requirements of different clinical specialties/domains.

The Reference Sets created by NRCeS can have a widespread use as they are created as per requirements from clinician community, usage in National Health Programs, etc.

Scope

The India Reference Sets for SNOMED CT® is a listing of the concepts, descriptions, relationships and reference sets to complement the international content of the SNOMED CT International Release.

This release of India Reference Sets for SNOMED CT® includes 30 Simple Refsets covering common diseases under National Public Health Programs and Medical Specialty / Department-wise refsets. Administrative procedures are not included in the refsets.

Audience

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

Release Summary

This package depends on the July 2021 SNOMED CT International Edition, and should be used and analyzed accordingly.

Refsets for National Programs for Disease Control

Sr. No.	Refsets	Summary
1.	Cataract	This refset includes findings, observable entities, situations, disorders and procedures for Cataract
2.	Cervical Cancer	This refset includes findings and disorders related to Cervical Cancer
3.	Childhood Diarrhea	This refset includes findings and disorders for Childhood Diarrhea
4.	Dengue	This refset includes findings, disorders, procedures, substances and organisms for Dengue
5.	Iodine deficiency	This refset includes disorders for Iodine deficiency
6.	Leprosy	This refset includes disorders and procedures for Leprosy
7.	Lymphatic filariasis	This refset includes disorders for Lymphatic filariasis
8.	Malaria	This refset includes findings, disorders and organisms related to Malaria
9.	Oral Cancer	This refset includes findings and disorders related to Oral Cancer
10.	Pregnancy related Anemia	This refset includes findings, disorders and procedures for Pregnancy related Anemia
11.	Stroke	This refset includes situations, observable entities, findings, disorders and procedures for Stroke
12.	Tuberculosis	This refset includes findings, disorders and organisms for Tuberculosis

Refsets for Specialty or Department

Sr. No.	Refsets	Summary
1.	Cardiology	This refset includes findings, observable entities, situations, disorders and procedures (investigation) for Cardiology
2.	Cardiothoracic and Vascular Surgery	This refset includes procedures for the Cardiothoracic and Vascular Surgery
3.	Dermatology	This refset includes findings, observable entities, situations, disorders and procedures for Dermatology
4.	Emergency	This refset includes procedures for Emergency
5.	Fetal Medicine	This refset includes findings, disorders and procedures for Fetal Medicine

6.	Gastroenterology	This refset includes findings, observable entities, disorders and procedures for Gastroenterology.
7.	General Surgery	This refset includes procedures for General Surgery
8.	Geriatrics	This refset includes disorders for Geriatrics
9.	Nephrology	This refset includes findings, observable entities, situations, disorders and procedures for Nephrology
10.	Neurology	This refset includes findings, observable entities and disorders for Neurology
11.	Neurosurgery	This refset includes procedures for Neurosurgery
12.	Obstetrics and Gynecology	This refset includes findings, disorders and procedures for Obstetrics and Gynecology
13.	Oncology	This refset includes morphologic abnormalities, situations, disorders and procedures for Oncology
14.	Orthopedics	This refset includes procedures for Orthopedics
15.	Pediatrics	This refset includes findings, disorders and procedures for Pediatrics
16.	Psychiatry	This refset includes findings, observable entities and disorders for Psychiatry
17.	Radiology	This refset includes procedures for Radiology
18.	Rheumatology	This refset includes findings, situations, observable entities, disorders and procedures for Rheumatology

Note

This release of India Reference Sets for SNOMED CT is not an exhaustive set of reference sets. It may be possible that some terms are missing or are extra. It is expected that, as adoption increases, the India Reference Sets for SNOMED CT will need updating and incorporation of additional SNOMED CT content.

In evidence of any material error, change or correction you are requested to immediately report it at nrc-help@cdac.in.

Get Release Files

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

https://www.nrces.in/services/national-releases#sct_refset

Acknowledgement & Contribution

The Reference Sets have been developed and validated in collaboration with *All India Institutes of Medical Sciences (AIIMS), New Delhi*.