

India COVID-19 Extension for SNOMED CT

Release Date: September 18, 2020

Introduction

On March 11, 2020, the World Health Organization declared the Coronavirus disease (COVID-19) outbreak, as a public health emergency of international concern. The health systems globally are continuing their efforts to manage the outbreak.

Pandemic outbreak such as the Coronavirus outbreak can create huge challenges for the Government and Public Health Officials to capture, store, refer, exchange of clinical information at a different location, and analyze the collected information.

National Resource Centre for EHR Standards (NRCeS), a program of the Ministry of Health and Family Welfare (MoHFW), Government of India released **India COVID-19 Extension for SNOMED CT** for documenting essential clinical information for managing COVID-19 disease in India.

Purpose

India COVID-19 Extension for SNOMED CT is a set of files that integrate with SNOMED CT® Global Medical Terminology files and content for use in any data entry, analysis, or record exchange systems that adhere to MoHFW notified *Electronic Health Record Standards for India 2016* guidelines.

The purpose of this Extension is to enable standardized coding of essential clinical information for managing COVID-19, enable linkages to terminology and use in application/system for Clinical Documentation, Data Retrieval, Data Analytics, Reporting, etc. in India.

Release Summary

This extension along with the previous release contains **50 terms** related to COVID-19 plus the core concept for the COVID-19 module. The content in this release has been added by referring to the Indian Council of Medical Research (ICMR) Advisory version VI, dated September 4, 2020.

The summary of the content coverage is provided as below:

Concept Id	Description Id	Type	Term
672221000189100	934801000189119	FSN	Severe acute respiratory syndrome coronavirus 2 negative (finding)
672221000189100	934811000189117	Synonym	Severe acute respiratory syndrome coronavirus 2 negative
672221000189100	934821000189113	Synonym	2019-nCoV negative
672221000189100	934831000189110	Synonym	2019 novel coronavirus negative
672221000189100	934841000189116	Synonym	COVID-19 negative
672221000189100	934851000189118	Synonym	SARS-CoV-2 negative
672231000189103	934861000189115	FSN	Severe acute respiratory syndrome coronavirus 2 test (procedure)
672231000189103	934871000189112	Synonym	Severe acute respiratory syndrome coronavirus 2 test

Concept Id	Description Id	Type	Term
672231000189103	934881000189114	Synonym	COVID-19 test
672231000189103	934891000189111	Synonym	SARS-CoV-2 test
672231000189103	934901000189112	Synonym	2019 novel coronavirus test
672231000189103	934911000189114	Synonym	2019-nCoV test
672241000189109	934921000189118	FSN	Recovered from severe acute respiratory syndrome coronavirus 2 (finding)
672241000189109	934931000189116	Synonym	Recovered from severe acute respiratory syndrome coronavirus 2
672241000189109	934941000189110	Synonym	Recovered from COVID-19
672241000189109	934951000189113	Synonym	Recovered from SARS-CoV-2
672241000189109	934961000189111	Synonym	Recovered from 2019 novel coronavirus
672241000189109	934971000189119	Synonym	Recovered from 2019-nCoV
672251000189107	934981000189117	FSN	Taking swab for severe acute respiratory syndrome coronavirus 2 (procedure)
672251000189107	934991000189115	Synonym	Taking swab for severe acute respiratory syndrome coronavirus 2
672251000189107	935011000189114	Synonym	Taking swab for 2019 novel coronavirus
672251000189107	935021000189118	Synonym	Taking swab for SARS-CoV-2
672251000189107	935031000189116	Synonym	Taking swab for 2019-nCoV
672261000189105	935041000189110	FSN	Isolation at home because of infection (procedure)
672261000189105	935051000189113	Synonym	Home quarantine
672261000189105	935061000189111	Synonym	Isolation at home because of infection
672271000189101	935071000189119	FSN	Isolation at hospital because of infection (procedure)
672271000189101	935081000189117	Synonym	Hospital quarantine
672271000189101	935091000189115	Synonym	Isolation at hospital because of infection
760151000189104	1512091000189110	FSN	Reverse transcription polymerase chain reaction test for severe acute respiratory syndrome coronavirus 2 (procedure)
760151000189104	1512101000189117	Synonym	Reverse transcription polymerase chain reaction test for severe acute respiratory syndrome coronavirus 2
760151000189104	1512111000189115	Synonym	RT PCR test for severe acute respiratory syndrome coronavirus 2
760151000189104	1512121000189111	Synonym	RT PCR test for COVID-19
760151000189104	1512131000189113	Synonym	RT PCR test for SARS-CoV-2
760161000189101	1512141000189119	FSN	Severe acute respiratory syndrome coronavirus 2 using microchip RT PCR (procedure)
760161000189101	1512151000189116	Synonym	Severe acute respiratory syndrome coronavirus 2 using microchip RT PCR
760161000189101	1512161000189118	Synonym	COVID-19 using microchip RT PCR
760161000189101	1512171000189110	Synonym	SARS-CoV-2 using microchip RT PCR

Concept Id	Description Id	Type	Term
760171000189105	1512181000189112	FSN	Antigen test for severe acute respiratory syndrome coronavirus 2 (procedure)
760171000189105	1512191000189114	Synonym	Antigen test for severe acute respiratory syndrome coronavirus 2
760171000189105	1512201000189111	Synonym	Antigen test for COVID-19
760171000189105	1512211000189113	Synonym	Antigen test for SARS-CoV-2
760181000189107	1512221000189117	FSN	Cartridge based nucleic acid amplification test for severe acute respiratory syndrome coronavirus 2 (procedure)
760181000189107	1512231000189115	Synonym	Cartridge based nucleic acid amplification test for severe acute respiratory syndrome coronavirus 2
760181000189107	1512241000189114	Synonym	Cartridge based nucleic acid amplification test for SARS-CoV-2
760181000189107	1512251000189112	Synonym	CB-NAAT test for COVID-19
760181000189107	1512261000189110	Synonym	CB-NAAT test for SARS-CoV-2
760191000189109	1512271000189118	FSN	Microchip RT PCR, device (physical object)
760191000189109	1512281000189116	Synonym	Microchip RT PCR
760191000189109	1512291000189119	Synonym	Microchip RT PCR, device

Note: Severe acute respiratory syndrome coronavirus 2 using micro RT PCR (procedure) is to be used for recording TrueNAT test for COVID-19. [TrueNAT is a trademark name of Microchip RT PCR device]

This Extension must be used together with the referenced July 2020 SNOMED CT International Edition release.

Any further required terms/concepts/codes for managing COVID-19 may be provided through subsequent releases. For any such requirements, please contact NRCeS.

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

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