



SNOMED NZ Hui

13 May 2025



Opening karakia

Whakataka Te Hau

Whakataka te hau ki te uru

Whakataka te hau ki te tonga

Kia mākinakina ki uta

Kia mātaratara ki tai

E hī ake ana te atakura

He tio, he huka, he hauhū

THEI mauri ora

*Get ready for the westerly
and be prepared for the southerly.*

*It will be icy cold inland,
and icy cold on the shore.*

*May the dawn rise red-tipped on ice,
on snow, on frost*

Alastair Kenworthy (he/him)

SNOMED General Assembly
SNOMED NRC Manager



Steph Kerruish (she/her)

SNOMED E-Learning Advisory Group
SNOMED Implementation Course
SNOMED Authoring Level 1



Lea Miharsa (she/her)

SNOMED Managed Service User Group
Content Managers Advisory Group
SNOMED Implementation Course
SNOMED Authoring Level 1



Demi Meiklejohn (she/her)

NZCDI Product Owner
SNOMED Implementation Course



Evan Li (he/him)

SNOMED Member Forum
SNOMED Tech Bro
NZ Health Terminology Service



Mia van Dorp (she/her)

SNOMED Member Forum
SNOMED for Data Analysts
SNOMED Authoring Level 1



Agenda

- Welcome and opening karakia
- SNOMED International update
- SNOMED NZ Edition April 2025 release
- NZ Health Terminology Service update
- LOINC to SNOMED collaboration
- CanShare content update
- SNOMED demonstrators
- Q & A
- Closing karakia



Delivering
SNOMED CT

SNOMED International update

New Zealand SNOMED Open Forum

13 May 2025

snomedexpo.org



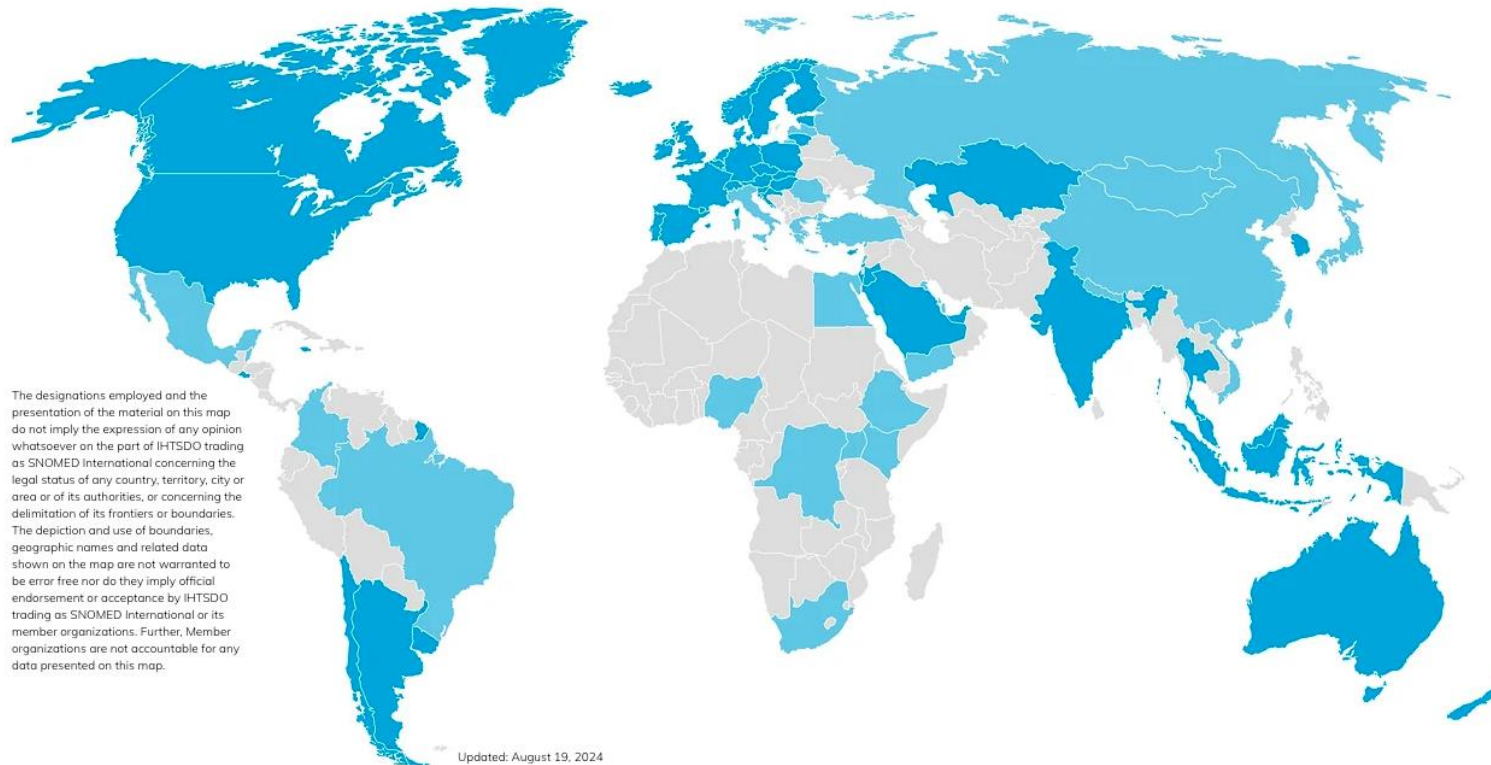
[@snomedct](https://twitter.com/@snomedct)



linkedin.com/company/ihtsdo/

SNOMED International **Members**

SNOMED International welcomed **Mongolia** and **Qatar** to the community of 52 member countries.



A Growing Community

2025-2030 Strategy Overview



SNOMED CT	ADOPTION	TERMINOLOGY INTEGRATOR	TECHNOLOGIES	SUSTAINABILITY
Evolve SNOMED CT into the high quality foundational terminology standard for health	Increase global adoption of SNOMED CT recognising the diverse needs of countries	SNOMED International as a hub for semantic linking with international health information standards according to member needs.	Promote quality products, services/tools leveraging current and emerging technologies, supporting seamless health information flow from capture to consumption.	Ensure the long-term sustainability of SNOMED CT

Areas of Focus: 2025 summary deliverables



SNOMED CT	ADOPTION	TERMINOLOGY INTEGRATOR	TECHNOLOGIES	SUSTAINABILITY
<ul style="list-style-type: none"> Strengthen SNOMED CT presence with global and regional bodies Year 1 Product Roadmap Member content requirements process Implementation use cases 	<ul style="list-style-type: none"> Consistent vendor implementation criteria SCT Maturity awareness and understanding Requirements-driven implementation roadmap Engage digitally evolving regions, gather requirements 	<ul style="list-style-type: none"> Renewed Collaboration Framework, Analysis of emerging health trends and collaborations Identify scope of global standard hub 	<ul style="list-style-type: none"> Share the SNOMED International Technology Strategy, Implement Yr 1 ID priority target vendors and engagement plan Technologies thought leadership 	<ul style="list-style-type: none"> Discussion paper: SNOMED CT an open standard Principles: new revenue sources Targeted list of grants based, charitable organizations for growth opportunities



Operational update

- Agreement with LOINC Regenstrief renewed
 - Production release of the LOINC Ontology available
- New agreement with openEHR
- Collaborations for cancer - AJCC, UICC, ICCR

Upcoming events

What's on this week

October Business meetings
and SNOMED CT EXPO 2025
19-24.October 2025

May 2025

SNOMED on FHIR (TS & TB)

Wed 14th May 06:00 - 07:00 (AEST)

Online Event Location: <https://snomed.zoom.us/j/2423486949?pwd=UCtmRkdHZ3pVNDB1MnJuZmg2b3hUZz09>

Please refer to snomed.org/fhir for the meeting agenda. If you know of anyone who would like to be added to (or removed from) this meeting invitation, please let me know!

**** MEETING DETAILS ****

Online: snomed.zoom.us/j/2423486949?pwd=UCtmRkdHZ3pVNDB1MnJuZmg2b3hUZz09

Phone: See zoom.us/join for available phone numbers (meeting id 242-348-6949)

Chat: [#snomed-hl7-fhir](https://snomedintl.slack.com)

SNOMED
International

<https://confluence.ihtsdotools.org/wotw>



Terminology for
information driven
integrated healthcare

<https://www.snomed.org/snomedct-expo>

THANK YOU

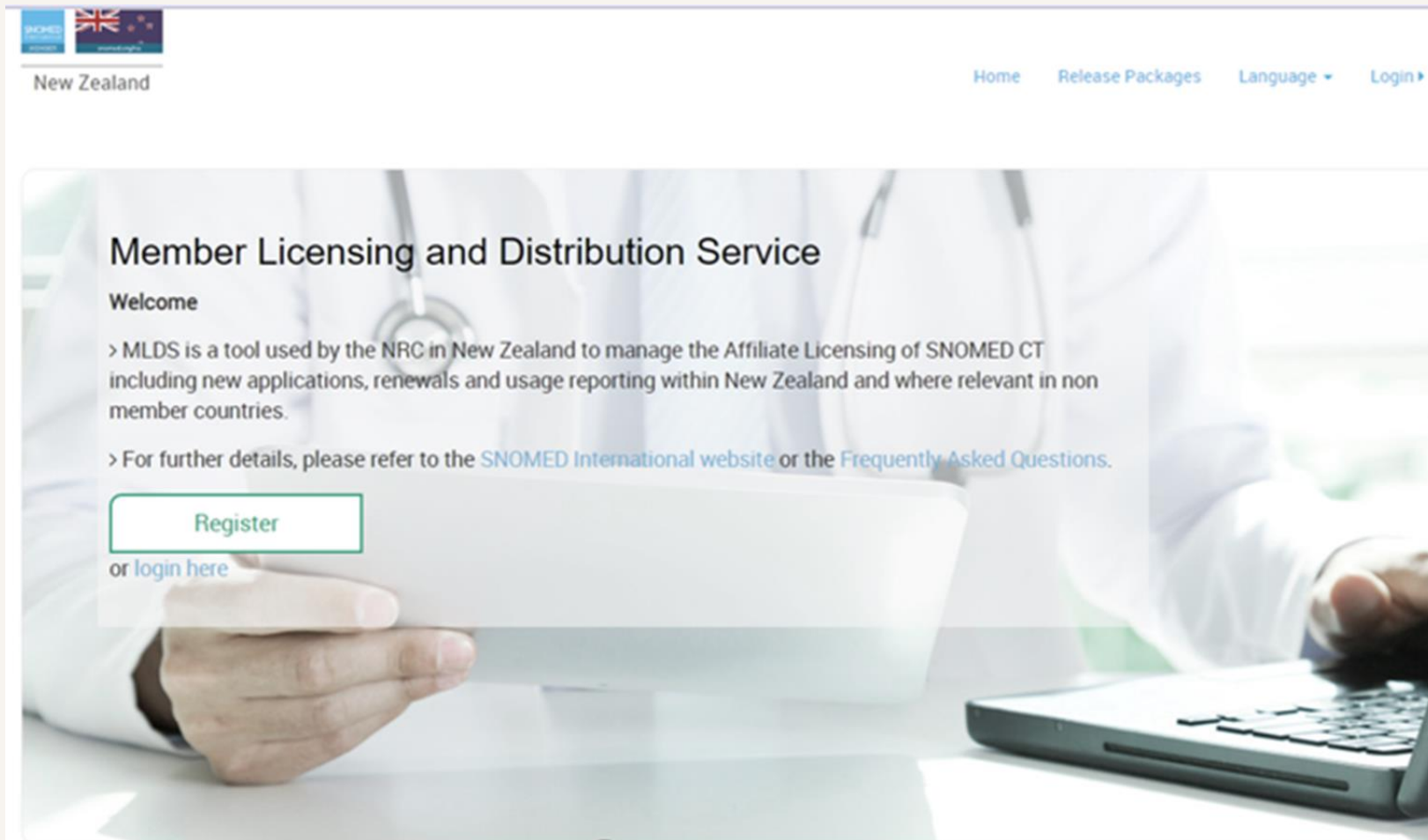




SNOMED CT NZ Edition

April 2025 release

Lea Miharsa



<https://mlds.ihtsdotools.org/#/landing>

SNOMED International SNOMED CT Browser


The SNOMED International SNOMED CT Browser provides ways to browse and search SNOMED CT. The browser has been implemented by the SNOMED International and its development partners.

The Browser is provided by SNOMED International to anyone for reference purposes. The interface and REST APIs are **not** to be used for production purposes. Any abuse of the REST APIs will result in the offending IP address being banned from accessing the browser.

Please provide any feedback on the browser by clicking on the feedback button at the top of the page. Your feedback is essential to the development of the browser.

This site has been optimized for the Google Chrome browser and **it will not work with Internet Explorer**.

International Editions

 Go browsing...
International Edition
2025-05-01

Additional Information


Release Stats


MRCM Browser


Local Extensions

 Go browsing...
Argentinian Edition
2022-11-30

 Go browsing...
Australian Edition
2022-01-31


 Go browsing...
Austrian Edition
2023-02-15

 Go browsing...
Belgian Edition
2022-11-15

 Go browsing...
Canadian Edition
2023-03-31

 Go browsing...
Danish Edition
2023-03-31

 Go browsing...
Estonian Edition
2023-03-31


 Go browsing...
Finnish Edition
2023-04-15

 Go browsing...
French Edition
2022-11-30

 Go browsing...
German Edition
2022-12-07

 Go browsing...
Greek Edition
2023-03-01

 Go browsing...
Hungarian Edition
2022-12-15

 Go browsing...
Irish Edition
2023-04-21


 Go browsing...
Italian Edition
2023-04-21

 Go browsing...
Japanese Edition
2023-04-21

 Go browsing...
Korean Edition
2023-04-21


 Go browsing...
Latvian Edition
2023-04-21

 Go browsing...
Lithuanian Edition
2023-04-21

 Go browsing...
Luxembourgish Edition
2023-04-21


 Go browsing...
Maltese Edition
2023-04-21


 Go browsing...
Mexican Edition
2023-04-21


 Go browsing...
Dutch Edition
2023-04-21

 Go browsing...
New Zealand Edition
2025-04-01

 Go browsing...
Norwegian Edition
2023-04-15

 Go browsing...
Polish Edition
2023-04-21

 Go browsing...
Portuguese Edition
2023-04-21


 Go browsing...
Romanian Edition
2023-04-21


 Go browsing...
Russian Edition
2023-04-21

 Go browsing...
Slovakian Edition
2023-04-21

 Go browsing...
Slovenian Edition
2023-04-21

 Go browsing...
Spanish Edition
2022-10-31

 Go browsing...
Swedish Edition
2022-11-30

 Go browsing...
Swiss Edition
2022-12-07


 Go browsing...
Taiwanese Edition
2023-04-21

 Go browsing...
Thai Edition
2023-04-21

 Go browsing...
British Edition
2023-04-21

 Go browsing...
United States Edition
2023-03-01

 Go browsing...
Uruguayan Edition
2022-12-15

 Go browsing...
Venezuelan Edition
2023-04-21

[International Edition](#)[Spanish Edition](#)[Argentinian Edition](#)[Australian Edition](#)[Austrian Edition](#)[Belgian Edition](#)[Canadian Edition](#)[Danish Edition](#)[Estonian Edition](#)[Finnish Edition](#)[Irish Edition](#)[Netherlands Edition](#)[New Zealand Edition](#)[Norwegian Edition](#)[Swedish Edition](#)[Swiss Edition](#)[United States Edition](#)[Uruguay Edition](#)

the SNOMED International Open Tooling Framework, by the

health care settings.

service. Please visit the [SNOMED CT Content Request Service](#)

General Release Statistics

Hierarchy	Active Concepts	Concept Distribution	Descriptions	Relationships
• Body structure (body structure)	1,083	20.28%	3,823	1,360
• Clinical finding (finding)	1,318	24.68%	5,008	6,553
Environment or geographical location (environment / location)	12	0.22%	32	12
Event (event)	0	0.00%	0	0
Observable entity (observable entity)	446	8.35%	1,148	2,366
Organism (organism)	0	0.00%	0	0
Pharmaceutical / biologic product (product)	1	0.02%	2	3
Physical force (physical force)	0	0.00%	0	0
Physical object (physical object)	4	0.07%	8	5
• Procedure (procedure)	935	17.51%	3,841	10,755
Qualifier value (qualifier value)	314	5.88%	1,500	402
Record artifact (record artifact)	6	0.11%	17	6
SNOMED CT Concept (SNOMED RT+CTV3)	0	0.00%	0	0
SNOMED CT Model Component (metadata)	744	13.93%	3,730	926
Situation with explicit context (situation)	222	4.16%	566	1,324
Social context (social concept)	40	0.75%	128	63
Special concept (special concept)	0	0.00%	0	0
Specimen (specimen)	16	0.30%	63	120
Staging and scales (staging scale)	195	3.65%	773	213
Substance (substance)	4	0.07%	11	8
Unknown	0	0.00%	0	0
Total	5,340	100.00%	20,650	24,116

Release Summary

Release Date	Concept			Description			Text Definition			Language Refset			Axiom			Stated Relationship			Inferred Relationship			Concrete Relationship		
	Concepts added	Modified per release	Total unique	Added for new concepts	Updated for existing concepts	Total unique	Added for new concepts	Updated for existing concepts	Total unique	Added for new concepts	Updated for existing concepts	Total unique	Added for new concepts	Updated for existing concepts	Total unique	Added for new concepts	Updated for existing concepts	Total unique	Added for new concepts	Updated for existing concepts	Total unique	Added for new concepts	Updated for existing concepts	Total unique
2025/04/01	549	124	5,552	1,682	570	20,650	0	0	9	16,288	17,905	1,409,962	563	180	6,144	0	0	1,024,719	1,412	918	24,116	0	0	0
2024/10/01	2,222	43	5,005	6,524	1,218	18,533	1	0	9	26,975	11,211	1,385,113	2,768	127	5,583	0	0	1,024,719	8,076	742	22,205	0	0	0
2024/04/01	567	23	2,784	1,928	1,981	10,969	0	0	8	15,907	17,993	1,351,255	571	108	2,815	0	0	1,024,719	2,004	1,067	13,726	0	0	0
2023/10/01	965	29	2,217	3,171	841	8,056	0	6	8	19,847	10,063	1,327,823	990	235	2,244	0	0	0	2,633	3,447	11,004	0	0	0
2023/04/01	362	2	1,252	1,105	156	4,278	2	0	2	14,889	46,761	1,302,146	362	108	1,254	0	0	0	1,032	553	6,116	0	0	0
2022/10/01	265	1	892	747	33	3,029	0	0	0	7,065	8,662	1,245,242	265	201	894	0	0	0	1,051	752	4,923	0	0	0
2022/04/01	213	4	627	718	66	2,263	0	0	0	2,709	10,039	1,234,836	213	22	629	0	0	0	1,404	56	3,202	0	0	0
2021/10/01	250	2	414	753	25	1,483	0	0	0	12,481	7,365	1,231,081	250	2	415	0	0	0	1,349	30	1,769	0	0	0
2021/04/01	78	1	164	182	47	719	0	0	0	9,579	8,432	1,215,070	78	1	165	0	0	0	217	2	392	0	0	0
2020/10/01	33	0	86	77	198	501	0	0	0	10,719	5,779	1,201,536	33	7	87	0	0	0	101	12	175	0	0	0
2020/04/01	53	0	53	130	116	246	0	0	0	185	1,187,584	1,187,769	53	0	53	0	0	0	68	0	68	0	0	0



• [Shrimp/](https://shrimp.csiro.au/) SNOMED CT Browser (csiro.au)



Te Whatu Ora
Health New Zealand



Terminology

ECL 

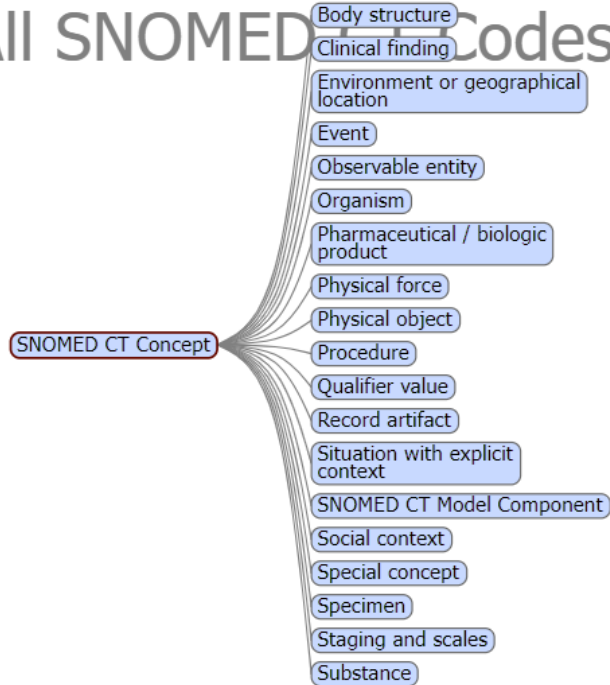
Logout...

Ontoserver 

<https://nzhts.digital.health.nz/fhir>

Go

All SNOMED CT Codes



© Australian e-Health Research Centre

SNOMED CT Concept

effectiveTime 20020131
moduleId SNOMED CT core

CodeSystems	ValueSets	ECL
filter codesystems		
SNOMED CT		
LOINC		
Additional Authorisation		
AdministrativeGender		
Admission source code		
Admission type code		
International - Latest		
All SNOMED CT Codes		
search terms		
24 hour stool specimen (specimen)		
Abrasion of vagina, infected (disorder)		
Accelerometry (procedure)		
Adalimumab therapy (procedure)		
Ambulation without limitation (regime/therapy)		
Anteroposterior diameter of chest (observable entity)		
Approach via colostomy (qualifier value)		
Argininosuccinate lyase deficiency (disorder)		
Bananaquit (organism)		
Benign neoplasm of skin of finger (disorder)		
Bilateral sensation of blocked ears (finding)		
Blepharoptosis, myopia, ectopia lentis syndrome (disorder)		
Cephenemyia trompe (organism)		
Combined abnormal curvature (morphologic abnormality)		
Complement C3a measurement (procedure)		
Congenital subluxation of carpus (disorder)		
Cryptosporidium muris (organism)		
Cutis laxa with complement deficiency (disorder)		



SNOMED NZ Edition

SNOMED International Edition

NZ extension

NZ reference set

Language reference set

Map

New and updated content

New concepts and descriptions

- 549 new concepts
- 2121 new descriptions
- Patient friendly terms
- Māori terms
- Systemic Anti-Cancer Therapy Regimen Library

Reference sets:

- Gambling harm intervention reference set
- Health service type reference set
- Emergency care reference sets
- 15 refsets has been updated

SNOMED CT Content Request Service

Te Whatu Ora

Health New Zealand

For the health workforce

Jobs

About us

Search

Our health system

What's happening

For the health sector

Keeping well

Publications

Home

Our health system

Digital Health

SNOMED CT National Release Centre

Content Request Service

Content Request Service

Requesting additions or updates to SNOMED CT through the New Zealand National Release Centre

Also in this section

SNOMED CT

SNOMED International

Content Request Service

New Zealand Edition of SNOMED CT

On this page

How it works

How to submit a request

Documents

Content request submission timeframes

How it works

SNOMED CT is a continuously growing and evolving product. Requests to create a new SNOMED CT concept, term or relationship or inactivate a term can be made through the New Zealand SNOMED CT National Release Centre.

Where the content request is applicable to other SNOMED International member countries, we will recommend and submit a request to have the new content added to the SNOMED CT International Edition. Content requests that are New Zealand specific will be added to the New Zealand Edition.

How to submit a request

To submit an individual content request, please submit the request via [SNOMED CT Request Management Portal](#).

For multiple content requests download the SNOMED CT Content Batch Request Submission Form and complete all required fields as indicated. Once completed, please email the batch request form to snomed_ct@health.govt.nz

Documents

SNOMED CT Content Batch Request Submission Form

Download - XLSX, 35 KB

Guidelines for Requesting Changes to SNOMED CT

Download - PDF, 389 KB

Guidelines for Requesting Changes to SNOMED CT

Download - DOCX, 419 KB

SNOMED CT Content Management Portal

SNOMED CT REQUEST MANAGEMENT PORTAL

This Request Portal is for submitting requests to add, update or change SNOMED CT content for a National Extension. Please select the type of request you require from the options below.

AUTHENTICATION

If you do not have an account you can apply for one [HERE](#)

Username

Password

REQUEST DETAILS

☒ ADD CONCEPT

☐ ADD DESCRIPTION

☐ ADD RELATIONSHIP

☐ CHANGE DESCRIPTION

☐ CHANGE RELATIONSHIP

☐ INACTIVATE DESCRIPTION

☐ INACTIVATE RELATIONSHIP

☐ OTHER

Summary

Language Refset

Context Refset

New FSN

New Preferred Term

New Synonyms

Parent Concept

Type to Search...

Justification

Reference

NZ Health Terminology Service update

Evan Li

NZHTS Release Update

Code system	Purpose/Usage
<ul style="list-style-type: none">• SNOMED CT NZ Edition April 2025	A comprehensive clinical terminology including New Zealand preferred terms provides precise language for healthcare services.
<ul style="list-style-type: none">• MedDRA 28.0 (six-monthly release)	Medical Dictionary for Regulatory Activities – used in pharmacy services system
<ul style="list-style-type: none">• LOINC 2.80 and NZPOCS (six-monthly release)	Logical Observation Identifiers Names and New Zealand Pathology Observation Codes – specifically used in laboratory systems for test results, clinical measurements, and outcomes reporting
<ul style="list-style-type: none">• NZ Medicines Terminology (monthly release)	The standard source of commonly – used information about medicines in New Zealand and is used in most medical and pharmacy software
<ul style="list-style-type: none">• LOINC Ontology version 1.0	The LOINC Ontology is represented as an Extension to SNOMED CT, which provides a way to integrate LOINC codes into SNOMED CT, enhancing interoperability between these two major terminologies in clinical and laboratory domains
<ul style="list-style-type: none">• National Occupation List	The National Occupation List is an independent New Zealand-focused occupation classification
<ul style="list-style-type: none">• National Health Index(NHI) value sets	To support the National Health Index (NHI), we have created the following value sets: Country of birth code, ethnicity, domicile code and contact usage

Examples

- How to Query NZHTS Emergency Care Presenting Complaint Reference Set and Save Results in CSV Format Using Postman
- Solutions for Downloading SNOMED CT RefSets
- A systematic way to identify all codes that are children of a given code within SNOMED CT e.g. find all descendant codes of the 'Diabetes Mellitus' concept

Example- ECL

Find all descendant codes of the 'Diabetes Mellitus' concept:

In general, the [API](#) request looks like this: [https://nzhts.digital.health.nz/fhir/ValueSet/\\$expand?url=http://snomed.info/sct?fhir_vs=ecl/{ECL-Query}](https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=http://snomed.info/sct?fhir_vs=ecl/{ECL-Query}) and you can always replace {ECL-Query} with the actual ECL query - <73211009

For our specific needs, the complete API request would look like this:

[https://nzhts.digital.health.nz/fhir/ValueSet/\\$expand?url=http://snomed.info/sct?fhir_vs=ecl/<73211009](https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=http://snomed.info/sct?fhir_vs=ecl/<73211009)

```
"contains": [  
  {  
    "system": "http://snomed.info/sct",  
    "code": "720619003",  
    "display": "Atherosclerosis, deafness, diabetes, epilepsy, nephropathy syndrome"  
  },  
  {  
    "system": "http://snomed.info/sct",  
    "code": "530650801000132104",  
    "display": "Atypical diabetes mellitus"  
  },  
  {  
    "system": "http://snomed.info/sct",  
    "code": "11530004",  
    "display": "Brittle diabetes mellitus"  
  },  
  {  
    "system": "http://snomed.info/sct",  
    "code": "290002008",  
    "display": "Brittle type 1 diabetes mellitus"  
  },  
  {  
    "system": "http://snomed.info/sct",  
    "code": "445353002",  
    "display": "Brittle type 2 diabetes mellitus"  
  },  
  {  
    "system": "http://snomed.info/sct",  
    "code": "721088003",  
    "display": "DEND syndrome"  
  }  
]
```



LOINC / SNOMED collaboration

Stephanie Kerruish

Senior Standards Advisor, Data & Analytics, Performance, Funding and Outcomes

What is the difference?



(Logical Observation Identifiers
Names and Codes)

The questions



(Systematized Nomenclature of
Medicine Clinical Terms CT)

The answers

July 2013

- Agreement between Regenstrief Institute and SNOMED International signed

GOAL: to build closer links between LOINC and SNOMED CT

October 2022

- New collaboration agreement signed

GOAL: to enhancing and improve the delivery of healthcare

October 2023

- Collaboration broadened

AIM: to create an extension of SNOMED International for the LOINC technology

Renewed 2025

The logo for the LOINC Ontology is a vertical rectangle with rounded corners. The top half features a dark blue background with a repeating geometric pattern of white and light blue lines forming diamonds and zig-zags. The bottom half is a solid dark blue. The text "LOINC Ontology" is written in white, bold, sans-serif font, centered in the blue section.

LOINC Ontology

- March 2025 version 1 release
- Contains content shared between terminologies
- Extension of SNOMED CT
- Browsing content of the LOINC Ontology...

LOINC Ontology browser

<https://browser.loincsnomed.org/?>

The LOINC Ontology SNOMED CT Browser

Release: The LOINC Ontology ▾

Version: 2025-03-21 ▾

Perspective: Full ▾

About ▾



The LOINC Ontology SNOMED CT Browser

The LOINC Ontology SNOMED CT Browser provides ways to browse and search The LOINC Ontology: A LOINC and SNOMED CT Interoperability Solution. The browser has been implemented as part of development within the SNOMED International Open Tooling Framework, by the SNOMED International and its development partners.

The Browser is provided by SNOMED International to anyone for reference purposes. The interface and REST APIs are **not** to be used as part of production systems in health care settings. Any abuse of the REST APIs will result in the offending IP address being banned from accessing the browser.

Please provide any feedback on the browser by clicking on the feedback button at the top of the page. Your feedback is essential to the evolution and improvement of this service. Please visit the [LOINC SNOMED CT Collaboration Site](#) to provide feedback.

This site has been optimized for the Google Chrome browser and **it will not work with Internet Explorer**.

The LOINC Ontology

Go browsing...
The LOINC Ontology
2025-03-21

Releases will allow the selection of SNOMED CT content from the International Edition or other extensions, with specific dates.

Perspectives are pre-defined browsing layouts for specific purposes. Use the [responsive perspective](#) for best results in tablets and phones.

[SNOMED International Privacy Policy](#) [Cookie Settings](#)

Search

Options

Search: Prefix any order

Status: Active concepts only

Description type: All

Language Refsets

☒ Group by concept

Type at least 3 characters Example: shou fra

Search...

Concept Details

Summary

Details

Diagram

Expression

Refsets

Members

History

References

Stated

Inferred

Parents

SNOMED CT Concept (SNOMED RT+CTV3)

Observable entity (observable entity)

SCTID: 363787002

363787002 | Observable entity (observable entity) |

en Observable entity (observable entity)

en Observable entity

No attributes

Children (10000)

Alanine transaminase in serum (observable entity)

Appearance of blood product at point in time (observable entity)

Appearance of body fld.spun at point in time (observable entity)

Appearance of Dial fld.spun at point in time (observable entity)

Appearance of pericard fld.spun at point in time (observable entity)

Appearance of periton fld.spun at point in time (observable entity)

Appearance of plr fld.spun at point in time (observable entity)

Appearance of specimen at point in time (observable entity)

Appearance of swab at point in time (observable entity)

Searching for content

Search by:

- Start typing the words
- Entering the LOINC code
- Entering in the LOINC long name.

Example:

- LOINC code 5726-5 Selenium [Mass/volume] in Urine

Taxonomy Search Favorites Refset

Search

Options

Search: Prefix any order

Status: Active concepts only

Description type: All

Language Refsets

☒ Group by concept

Type at least 3 characters Example: shou fra

5726-5

Selenium [Mass/volume] in Urine

Mass concentration of
selenium in urine at point in
time (observable entity)

Concept Details Expression Constraint Queries

Concept Details

Summary Details Diagram Expression Refsets Members History References

Parents

- Mass concentration of selenium in body fluid at point in time (observable entity)
- Mass concentration of selenium in urine (observable entity)

Mass concentration of selenium in urine at point in time (observable entity)

SCTID: 149381010000106 LOINC code ID: 5726-5

149381010000106 | Mass concentration of selenium in urine at point in time (observable entity) |

en Mass concentration of selenium in urine at point in time (observable entity)

en Selenium [Mass/volume] in Urine

en Mass concentration of selenium in urine at point in time

en Selenium (U) [Mass/Vol]

en Selenium.MCnc:PT.Urine.Qn

Property → Mass concentration (property)

Scale type → Quantitative

Direct site → Urine specimen

Component → Selenium

Time aspect → Single point in time

Children (0)

No children

TaxonomySearchFavoritesRefset

Search

Options

Search: Prefix any order

Status: Active concepts only

Description type: All

Language Refsets

☒ Group by concept

Type at least 3 characters Example: shou fra

5726-5

☰

Selenium [Mass/volume] in Urine

Mass concentration of selenium in urine at point in time (observable entity)

Concept Details

SummaryDetailsDiagramExpressionRefsetsMembersHistoryReferences

StatedInferred

☰

Mass concentration of selenium in urine at point in time (observable entity)

SCTID: 149381010000106 **LOINC code ID: 5726-5**

Defined, Active. Descendants Count: 0 concepts.

United States of America English language reference set

Term	Acceptability (US)
F ☆ Mass concentration of selenium in urine at point in time (observable entity)	Preferred
S ★ Selenium [Mass/volume] in Urine	Preferred
S ✓ Mass concentration of selenium in urine at point in time	Acceptable
S ✓ Selenium (U) [Mass/Vol]	Acceptable
S ✓ Selenium:MCnc:Pt:Urine:Qn	Acceptable

Type	Destination	Group	CharType
Is a (attribute)	<div><div>☰</div><div>Mass concentration of selenium in body fluid at point in time (observable entity)</div></div>	0	Inferred
Is a (attribute)	<div><div>☰</div><div>Mass concentration of selenium in urine (observable entity)</div></div>	0	Inferred
Property (attribute)	Mass concentration (property) (qualifier value)	1	Inferred
Scale type (attribute)	Quantitative (qualifier value)	1	Inferred
Direct site (attribute)	<div><div>☰</div><div>Urine specimen (specimen)</div></div>	1	Inferred
Component (attribute)	Selenium (substance)	1	Inferred
Time aspect (attribute)	Single point in time (qualifier value)	1	Inferred

Options

Search: Prefix any order ▼

Status: Active concepts only ▼

Description type: All ▼

Language Refsets ▼

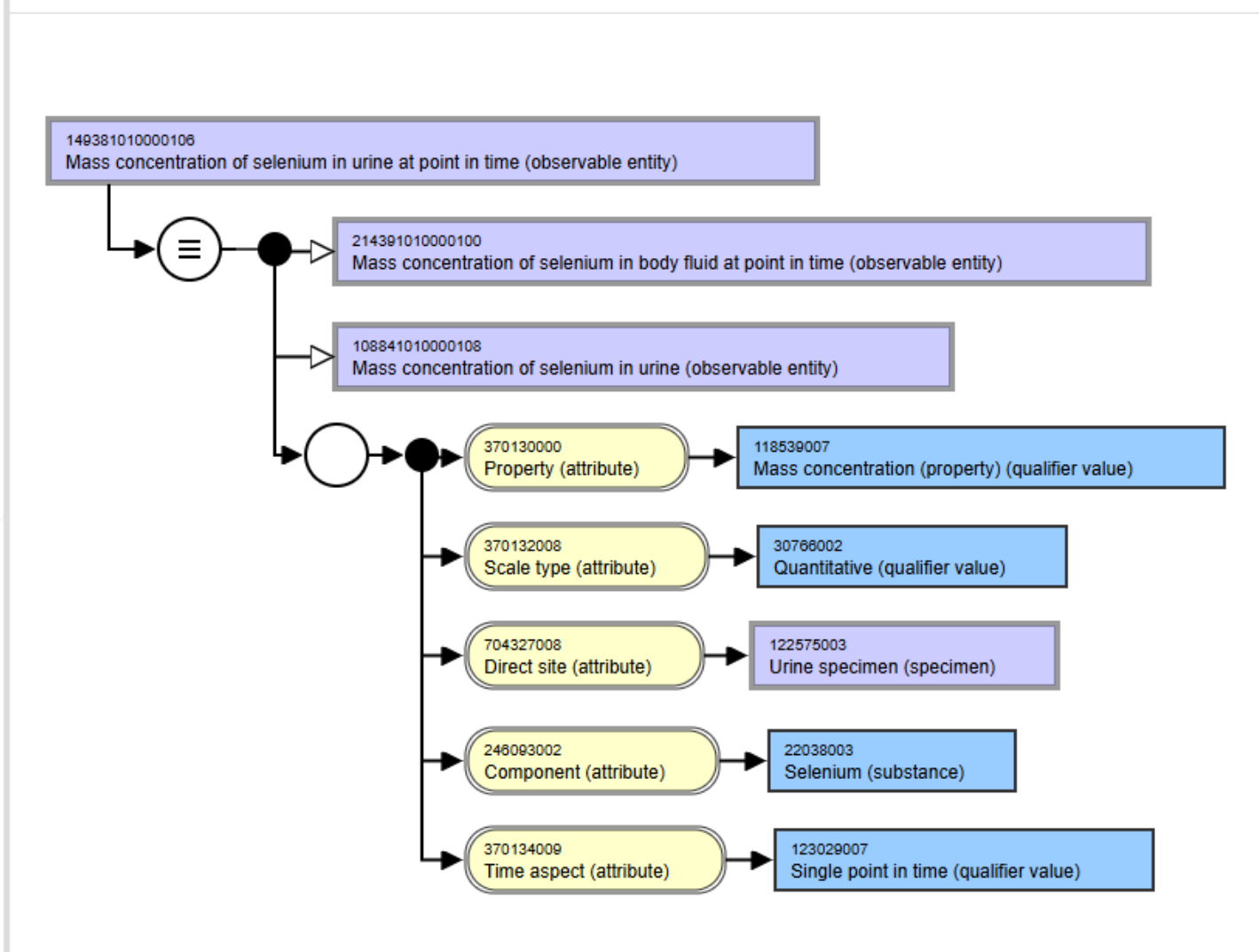
☒ Group by concept

Type at least 3 characters ✓ Example: shou fra

5726-5 ✕

☰ Selenium [Mass/volume] in Urine

Mass concentration of selenium in urine at point in time (observable entity)



The LOINC Ontology SNOMED CT Browser

Taxonomy

Search

Favorites

Refset

Search



Options

Search: Prefix any order ▾

Status: Active concepts only ▾

Description type: All ▾

Language Refsets ▾

☒ Group by concept

Filter results by Language

english

10

Filter results by Semantic Tag

☐ observable entity

10

Filter results by Module

LOINC Extension module

10

Filter results by Refset

OWL axiom reference set

10

LOINC Observation Reference Set

10

LOINC Orderable Reference Set

10

Type at least 3 characters ✓ Example: *shou fra*

selenium in urine



10 matches found in 0.313 seconds.

⋮ Selenium [Mass/volume] in Urine	Mass concentration of selenium in urine at point in time (observable entity)
⋮ Selenium [Moles/volume] in Urine	Substance concentration of selenium in urine at point in time (observable entity)
⋮ Selenium [Mass/time] in 24 hour Urine	Mass rate of excretion of selenium in 24 hours in urine (observable entity)
⋮ Selenium [Moles/time] in 24 hour Urine	Substance rate of excretion of selenium in 24 hours in urine (observable entity)
⋮ Selenium [Mass/volume] in 24 hour Urine	Mass concentration of selenium in urine in 24 hours (observable entity)
⋮ Mass concentration of selenium in urine	Mass concentration of selenium in urine (observable entity)
⋮ Selenium/Creatinine [Mass Ratio] in Urine	Mass ratio of selenium to creatinine in urine at point in time (observable entity)
⋮ Selenium/Creatinine [Molar ratio] in Urine	Substance ratio of selenium to creatinine in urine at point in time (observable entity)
⋮ Selenium/Creatinine [Mass Ratio] in 24 hour Urine	Mass ratio of selenium to creatinine in urine in 24 hours (observable entity)
⋮ Selenium/Creatinine [Molar ratio] in 24 hour Urine	Substance ratio of selenium to creatinine in urine in 24 hours (observable entity)

All results are displayed



LOINC Ontology

How will this work in New Zealand?

LOINC Ontology going forward

Further understanding is
required

Interested in exploring this
more.....

Let us know

standards@tewhatuora.govt.nz

LOINC Ontology also available on NZHTS

LOINC Ontology introduction

- Frequently asked questions
 - <https://loincsnomed.org/faq>
- Implementation Guide
 - <https://confluence.ihtsdotools.org/display/DOCLOINC/SNOMED+CT+Implementation+Guide+for+the+LOINC+Ontology>
- Version 1.0 Introductory webinar
 - <https://loincsnomed.org/webinar>
- SNOMED CT Implementation Demonstrators
 - <https://ihtsdo.github.io/sct-implementation-demonstrator/#/loinc>

CanShare April 2025 SNOMED CT Update

Kate Wakefield
Principal Advisor
Data & Analytics, Te Aho o Te Kahu

CanShare SNOMED CT Release updates



April 2025 NZ SNOMED CT edition includes **53** new CanShare reference sets, **115** updated reference sets (total **627** CanShare reference sets) and **443** new concepts to support cancer data collection. New work includes:

- ➔ **Cancer histologies:** For solid tumours and haematology with reference sets that group histology by behaviour (eg: benign & malignant).
- ➔ **Grading systems:** For solid tumours and haematology.
- ➔ **Staging systems:** For solid tumours (AJCC and non-AJCC) and haematology.
- ➔ **Ancillary study tests and results:** For a wide range of cancers, to support testing eligibility for new cancer medicines, as well as breast and colorectal cancer reporting.
- ➔ **Additional data:** to support radiation oncology and systemic anti-cancer therapy treatment plans, radiation oncology waitlist data and national screening programmes eg, national cervical screening programme.



CanShare language reference set:

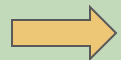
231621000210105 | New Zealand English CanShare context language reference set

CanShare SNOMED CT Release updates



Canshare has **1954** active FHIR ValueSets available on the NZHTS.

- All valuesets URLs start with <https://nzhts.digital.health.nz/fhir/ValueSet/canshare->



Cancer service/stream: ValueSets allow for customisation of codes available to different service or tumour stream requirements.

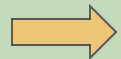


Code Systems: The majority of ValueSets use SNOMED CT as the code system but also can have unpublished codes (snomed-unpublished).

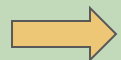


Canshare has one active concept map.

- canshare-select-valueset-map



Implementation: This concept map has been implemented into an electronic prescribing system for cancer in the Northern region (Raurau Ngaehe).



Future state: The current concept map focuses on diagnostic data for medical oncology and haematology. Plans to expand to staging and grading as well as other services.

CanShare Key Development areas



Ancillary studies

- Designing SNOMED CT templates to support modelling of ancillary study tests and findings
- The team presented this work at recent SNOMED CT international business meeting
- CanShare are actively collaborating with SNOMED International to get modelling approach adopted internationally



Systemic anti-cancer (SACT) regimens

- Designing SNOMED CT templates to create a hierarchy of regimen types under parent concept: 61371000210101 |Systemic anti cancer therapy regimen (regime/therapy)|
- Enhancement of the modelling of regimens to further define concepts.



SNOMED CT analytics

- Designing a SNOMED CT analytics framework for cancer data utilising FHIR ValueSets
- To collect SNOMED CT coded data from e-prescribing systems in near future



FHIR eForms

- Designing a tool to enable the CanShare team to produce FHIR questionnaires
- These will connect with the NZHTS to collect SNOMED CT coded cancer data

Accessing CanShare Resources

BROWSE

CanShare value sets and concept map demo

- <https://poc.canshare.co.nz/query.html>

DOWNLOAD

NZ SNOMED CT edition from MLDS distribution service

- <https://mlds.ihtsdotools.org/#/landing/NZ>

CONNECT

To the New Zealand Health Terminology Service

- Register with Health New Zealand
- <https://nzhts.digital.health.nz/fhir> (REST API)

CONTACT

Canshare team email: **canshare@teaho.govt.nz**



SNOMED Demonstrators

Alastair Kenworthy

<https://www.implementation.snomed.org/showcase/demonstrators>

Clinical demo

Clinical User Interface Demo

A simulation of clinical data entry on an EHR using SNOMED FHIR Terminology services

[OPEN](#)

Clinical demo

Allergies

A SNOMED / FHIR implementation demo of recording Allergy / Intolerance details, from Allergies Clinical Reference Group

[OPEN](#)

Clinical demo

LOINC & SNOMED CT

A LOINC Ontology implementation demo, covering laboratory orders, results and FHIR resources.

[OPEN](#)

Clinical demo

NCPT Refset

A clinical demonstration of the NCPT (Nutrition Care Process Terminology) reference set.

[OPEN](#)

Tool

Implementation Maturity Framework

An online maturity assessment tool and an dashboard for compiling and analyzing collections of maturity results.

[OPEN](#)

Learning demo

Terminology Bindings Sandbox

A sandbox for learning and testing terminology bindings

[OPEN](#)

<https://www.implementation.snomed.org/showcase/demonstrators>

Learning demo

SNOMED Maps Demonstrator

A SNOMED / ICD-10 maps demonstration, including complex map rules execution

[OPEN](#)

Learning demo

Post-coordination Demonstrator

A SNOMED post-coordination demonstration, with new prototype Postcoordination Terminology server SNOWSTORM X

[OPEN](#)

Learning demo

IPS Terminology Demonstrator

A demonstration of the International Patient Summary (IPS) terminology, including the IPS SNOMED CT refset

[OPEN](#)

Tool

SNOMED & FHIR Questionnaires Manager Application

An application to manage a FHIR Questionnaires repository, with SNOMED CT bindings

[OPEN](#)

Tool

SNOMED & FHIR Questionnaires Utilities

Utilities for working with FHIR Questionnaires, including SNOMED CT bindings

[OPEN](#)

Learning demo

Context Representation Transformations

A demonstration of the transformation of context representations from SNOMED to FHIR Resources

[OPEN](#)


[Allergies and Intolerances](#)
[Problem List](#)
[Immunizations](#)
[Procedures](#)
[Medications](#)
[Result O](#)


Problem List

The IPS problem section lists and describes clinical problems or conditions currently being monitored for the patient.

Problem List Finding/Situation/Event (all SNOMED CT)

[Demo UI: Autocomplete](#)
[BINDING](#)

Searching problem list codes using a complete edition of SNOMED CT.

Problem List Finding/Situation/Event (all SNOMED CT)

Problem List Finding/Situation/Event (all SNOMED CT)

ECL - Terminology Binding

< 404684003 |Clinical finding (finding)| OR < 272379006 |Event (event)| OR < 243796009 |Situation with explicit context|



Expansion (20 of 133916)

Sensation of foreign body in bilateral eyes - 998010741000119109

Entrapment of lateral rectus muscle of left eye - 995964381000119109

History of fracture of temporal bone - 994941101000119104

Deep brain neurostimulator device in situ - 992792871000119104

Chronic nontraumatic intracranial subdural hematoma - 991898981000119108

Adenosine deaminase 2 deficiency - 987840791000119102

Malignant melanoma of skin of left wrist - 985355341000119101

History of serous cystadenoma of borderline malignancy of ovary - 982282631000119107

History of intracranial ventricular fluid external drainage catheter in situ - 978919721000119103

Small bowel enteroscopy normal - 978253001000132109

Result 0 >

BINDING


[Allergies and Intolerances](#)
[Problem List](#)
[Immunizations](#)
[Procedures](#)
[Medications](#)
[Result O](#)


Problem List

The IPS problem section lists and describes clinical problems or conditions currently being monitored for the patient.

Problem List Finding/Situation/Event (all SNOMED CT)

Searching problem list codes using a complete edition of SNOMED CT.

[Demo UI: Autocomplete](#)
[BINDING](#)

Problem List Finding/Situation/Event (all SNOMED CT)

de ve thr

- 128053003 Deep venous thrombosis
- 1141709008 No deep vein thrombosis
- 161508001 History of deep vein thrombosis
- 132281000119108 Acute deep venous thrombosis
- 404223003 Deep venous thrombosis of lower extremity



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IHTSDO / iid-ips Public

generated from [IHTSDO/coding-demo-template-ng](#)

Notifications

Fork 0

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main

1 Branch

0 Tags

Code

About

No description, website, or topics provided.

Readme

View license

Activity

Custom properties

0 stars

8 watching

0 forks

[Report repository](#)

Releases

No releases published

Packages

No packages published

Languages



Rundeck Access Updated LICENSE.md to 2025 ✓

4a0ddfa · 4 months ago

26 Commits

.vscode

Initial commit

3 years ago

docs

using simple spec

2 years ago

src

using simple spec

2 years ago

.browserslistrc

Initial commit

3 years ago

.editorconfig

Initial commit

3 years ago

.gitignore

Initial commit

3 years ago

LICENSE.md

Updated LICENSE.md to 2025

4 months ago

README.md

New endpoint

3 years ago

angular.json

Update 2023

2 years ago

karma.conf.js

Initial commit

3 years ago

package-lock.json

Update 2023

2 years ago

package.json

Update 2023

2 years ago

Q & A



Got further questions?
Reach us here!


SNOMED CT NZ Edition

NZ Health Terminology Service

SNOMED requests: **snomed@tewhatuora.govt.nz**

NZHTS and other standards requests: **standards@tewhatuora.govt.nz**

eHealth Forum: **<https://ehealthforum.nz/c/cops/standards>**



Closing karakia

He Karakia Whakakapi

Kia whakairia te tapu

Kia wātea ai te ara

Kia turuki whakataha ai

Kia turuki whakataha ai

Haumi e. Hui e. Tāiki e!

Restrictions are moved aside

So the pathway is clear

To return to everyday activities