

API Guide: SNOMED ECL Hierarchical Queries with NZHTS

API Examples

To execute the queries listed in this guide, you will need valid API credentials. If you don't have API credentials yet, please contact us at standards@tewhatuora.govt.nz to request access.

1. Retrieve All Descendants of a Specific Concept

Example: All descendants of "Diabetes mellitus (disorder)"

ECL Query: <<73211009 |Diabetes mellitus (disorder)|

NZHTS API URL:

```
https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=http://snomed.info/sct?
fhir_vs=ecl/<<73211009
```

Explanation: The << operator retrieves the specified concept and all its descendants.

2. Retrieve All Descendants of Angina

Example: All descendants of Angina (194828000)

ECL Query: <<73211009 |Angina (disorder)|

NZHTS API URL:

```
https://nzhts.digital.health.nz/fhir/ValueSet/$expand?url=http://snomed.info/sct?
fhir_vs=ecl<<194828000
```

Explanation: The << operator retrieves the specified concept and all its descendants.