

View the expression for a SNOMED CT concept



In this page:

View the SNOMED CT compositional grammar expression for a concept.

Prerequisite steps: [Browse SNOMED CT International Edition concepts](#)

[Exploring SNOMED CT Content using the SCT Browser \(YouTube playlist\)](#)

[All SNOMED CT Education Videos \(YouTube playlist\)](#)

Steps

In the SCT Browser Full perspective, press the Expression tab in the Concept Details panel.

The Concept Details panel updates to show the following compositional grammar expressions for the concept:

References

The screenshot displays the SNOMED CT Browser interface. The top navigation bar includes links for Taxonomy, Search, Favorites, and Refset. The main search area has a search bar with the text 'head' and a filter for 'Type at least 3 characters'. The left sidebar shows various filter options, including 'Filter results by Language' (set to 'english') and 'Filter results by Semantic Tag'. The main content area is divided into two panels. The left panel, titled 'Concept Details', shows the 'Expression' tab selected. The right panel, titled 'Expression Constraint Queries', shows the 'Expression' tab selected. The 'Expression' tab displays the following information:

- Pre-coordinated Expression:** 303653007 |Computed tomography of head (procedure)|
- Expression from Class Axiom Definition:** A complex expression involving several SNOMED CT concepts and their relationships, including 'ObjectIntersectionOf', 'ObjectSomeValuesFrom', and 'ObjectAllValuesFrom'.
- Expression from Inferred Concept Definition:** A complex expression involving several SNOMED CT concepts and their relationships, including 'ObjectIntersectionOf', 'ObjectSomeValuesFrom', and 'ObjectAllValuesFrom'.

The bottom of the interface contains a footer with a disclaimer: 'The expressions are generated according to the ABNF syntax found in the "SNOMED CT Compositional Grammar Specification and Guide" (http://snomed.org/compositional-grammar). SNOMED CT Compositional Grammar is a lightweight syntax for the representation of SNOMED CT expressions. SNOMED CT expressions are used in Electronic Health Records (EHR) to represent clinical messages in a way that enables automatic interpretation. They are also used to represent concepts and used to represent links between SNOMED CT and other terminologies. These expressions are generated as an example from the published concept definition. A Pre-coordinated Expression is direct reference to the concept, and Post-coordinated expressions are generated from the concept definition using the SNOMED CT Compositional Grammar.' The footer also includes a copyright notice: '© 2022 International Health Terminology Standards Development Organisation (IHTSDO)'. All rights reserved. SNOMED CT is a registered trademark of IHTSDO. All other trademarks are the property of their respective owners.'

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