**C05: Translate a source code to condition concepts**

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| This query enables to search all Standard SNOMED-CT concepts that are mapped to a condition (disease) source code. It can be used to translate e.g. ICD-9-CM, ICD-10-CM or Read codes to SNOMED-CT. Source codes are not unique across different source vocabularies, therefore the source vocabulary ID must also be provided. The following source vocabularies have condition/disease codes that map to SNOMED-CT concepts:   * ICD-9-CM,    Vocabulary\_id=2 * Read,            Vocabulary\_id=17 * OXMIS,         Vocabulary\_id=18 * ICD-10-CM,   Vocabulary\_id=34   **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | Source Code List | '070.0' | Yes | Source codes are alphanumeric and need to be entered as a string enclosed by a single quote. If more than one source code needs to be entered an IN clause or a JOIN can be used. | | Source Vocabulary ID | 2 | Yes | The source vocabulary is mandatory, because the source ID is not unique across different vocabularies. | | As of date | Sysdate | No | Valid record as of specific date. Current date – sysdate is a default |   **Sample query run:** The following is a sample run of the query to list SNOMED-CT concepts that a set of mapped codes entered as input map to. The sample parameter substitutions are highlighted in **blue**:  set search\_path to full\_201612\_omop\_v5;  SELECT DISTINCT  c1.concept\_code,  c1.concept\_name,  c1.vocabulary\_id source\_vocabulary\_id,  VS.vocabulary\_name source\_vocabulary\_description,  C1.domain\_id,  C2.concept\_id target\_concept\_id,  C2.concept\_name target\_Concept\_Name,  C2.concept\_code target\_Concept\_Code,  C2.concept\_class\_id target\_Concept\_Class,  C2.vocabulary\_id target\_Concept\_Vocab\_ID,  VT.vocabulary\_name target\_Concept\_Vocab\_Name  FROM  concept\_relationship cr,  concept c1,  concept c2,  vocabulary VS,  vocabulary VT  WHERE  cr.concept\_id\_1 = c1.concept\_id AND  cr.relationship\_id = 'Maps to' AND  cr.concept\_id\_2 = c2.concept\_id AND  c1.vocabulary\_id = VS.vocabulary\_id AND  c1.domain\_id = 'Condition' AND  c2.vocabulary\_id = VT.vocabulary\_id AND  c1.concept\_code IN (  **'070.0'**  ) AND c2.vocabulary\_id =  **'SNOMED'**  AND  **sysdate**  BETWEEN c1.valid\_start\_date AND c1.valid\_end\_date;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | Source\_Code | Source code for the disease entered as input | | Source\_Code\_Description | Description of the source code entered as input | | Source\_Vocabulary\_ID | Vocabulary the disease source code is derived from as vocabulary ID | | Source\_Vocabulary\_Description | Name of the vocabulary the disease source code is derived from | | Mapping\_Type | Type of mapping or mapping domain, from source code to target concept. Example Condition, Procedure, Drug etc. | | Target\_Concept\_ID | Concept ID of the target condition concept mapped to the disease source code | | Target\_Concept\_Name | Name of the target condition concept mapped to the disease source code | | Target\_Concept\_Code | Concept code of the target condition concept mapped to the disease source code | | Target\_Concept\_Class | Concept class of the target condition concept mapped to the disease source code | | Target\_Concept\_Vocab\_ID | Vocabulary the target condition concept is derived from as vocabulary code | | Target\_Concept\_Vocab\_Name | Name of the vocabulary the condition concept is derived from |   Sample output record:   |  |  | | --- | --- | | **Field** | **Value** | | Source\_Code | 070.0 | | Source\_Code\_Description | Viral hepatitis | | Source\_Vocabulary\_ID | ICD9CM | | Source\_Vocabulary\_Description | International Classification of Diseases, Ninth Revision, Clinical Modification, Volume 1 and 2 (NCHS) | | Mapping\_Type | CONDITION | | Target\_Concept\_ID | 4291005 | | Target\_Concept\_Name | VH - Viral hepatitis | | Target\_Concept\_Code | 3738000 | | Target\_Concept\_Class | Clinical finding | | Target\_Concept\_Vocab\_ID | SNOMED | | Target\_Concept\_Vocab\_Name | Systematic Nomenclature of Medicine - Clinical Terms (IHTSDO) | |