**C04: Translate a MedDRA concept into a SNOMED-CT concept**

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| This query accepts a MedDRA concept ID as input and returns details of the equivalent SNOMED-CT concepts.  The existing relationships in the vocabulary associate MedDRA ‘Preferred Term’ to SNOMED-CT ‘clinical findings’. The respective hierarchy for MedDRA and SNOMED-CT can be used to traverse up and down the hierarchy of each of these individual vocabularies.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | MedDRA Concept ID | 35205180 | Yes | Concept Identifier for ‘Acute myocardial infarction’ | | 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 all MedDRA concepts that have SNOMED-CT equivalents. Sample parameter substitution is highlighted in **blue**.  SELECT D.concept\_id MedDRA\_concept\_id,  D.concept\_name MedDRA\_concept\_name,  D.concept\_code MedDRA\_concept\_code,  D.concept\_class\_id MedDRA\_concept\_class,  CR.relationship\_id,  RT.relationship\_name,  A.concept\_id Snomed\_concept\_id,  A.concept\_name Snomed\_concept\_name,  A.concept\_code Snomed\_concept\_code,  A.concept\_class\_id Snomed\_concept\_class  FROM concept\_relationship CR, concept A, concept D, relationship RT  WHERE CR.relationship\_id = 'MedDRA to SNOMED equivalent (OMOP)'  AND CR.concept\_id\_2 = A.concept\_id  AND CR.concept\_id\_1 = **35205180**  AND CR.concept\_id\_1 = D.concept\_id  AND CR.relationship\_id = RT.relationship\_id  AND **sysdate** BETWEEN CR.valid\_start\_date  AND CR.valid\_end\_date;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | MedDRA\_Concept\_ID | Concept ID of MedDRA concept entered as input | | MedDRA\_Concept\_Name | Concept name of MedDRA concept | | MedDRA\_Concept\_Code | Concept code of MedDRA concept | | MedDRA\_Concept\_Class | Concept class of MedDRA concept | | Relationship\_ID | Identifier for the type of relationship | | Relationship\_Name | Description of the type of relationship | | SNOMED-CT\_Concept\_ID | Concept ID of matching SNOMED-CT concept | | SNOMED-CT\_Concept\_Name | Name of matching SNOMED-CT concept | | SNOMED-CT\_Concept\_Code | Concept Code of matching SNOMED-CT concept | | SNOMED-CT\_Concept\_Class | Concept class of matching SNOMED-CT concept |   Sample output record:   |  |  | | --- | --- | | **Field** | **Value** | | MedDRA\_Concept\_ID | 35205180 | | MedDRA\_Concept\_Name | Acute myocardial infarction | | MedDRA\_Concept\_Code | 10000891 | | MedDRA\_Concept\_Class | Preferred Term | | Relationship\_ID | MedDRA to SNOMED equivalent (OMOP) | | Relationship\_Name | MedDRA to SNOMED-CT equivalent (OMOP) | | SNOMED-CT\_Concept\_ID | 312327 | | SNOMED-CT\_Concept\_Name | Acute myocardial infarction | | SNOMED-CT\_Concept\_Code | 57054005 | | SNOMED-CT\_Concept\_Class | Clinical finding | |