**D18:** Find ingredients for an indication provided as condition concept

This query provides all ingredients that are indicated for a certain indication. Indications have to be provided as SNOMED-CT concept ID (vocabulary\_id=1).

**Sample query:**

SELECT DISTINCT

ingredient.concept\_id as ingredient\_concept\_id,

ingredient.concept\_name as ingredient\_concept\_name,

ingredient.concept\_code as ingredient\_concept\_code

FROM

concept ingredient,

concept\_ancestor snomed,

concept\_ancestor ind,

concept\_relationship r

WHERE

snomed.ancestor\_concept\_id = 253954 AND

snomed.descendant\_concept\_id = r.concept\_id\_1 AND

concept\_id\_2 = ind.ancestor\_concept\_id AND

r.relationship\_id in (247, 248) AND

ind.descendant\_concept\_id = ingredient.concept\_id AND

ingredient.concept\_level = 2 AND

ingredient.vocabulary\_id = 8 AND

sysdate BETWEEN ingredient.valid\_start\_date AND ingredient.valid\_end\_date;

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Example** | **Mandatory** | **Notes** |
| Indication Concept ID | 253954 | Yes | SNOMED-CT indication concept ID |
| As of date | Sysdate | No | Valid record as of specific date. Current date – sysdate is a default |

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Ingredient\_Concept\_ID | Concept ID of the ingredient |
| Ingredient\_Concept\_Name | Name of the ingredient |
| Ingredient\_Concept\_Code | Concept code of the ingredient |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Value** |
| Ingredient\_Concept\_ID | 1790868 |
| Ingredient\_Concept\_Name | Amikacin |
| Ingredient\_Concept\_Code | 641 |