**D20:** Find dose form of a drug

This query accepts concept IDs for a drug product (clinical or branded drug or pack) and identifies the dose form.

The query relies on RxNorm concept relationship (4 – ‘Has dose form (RxNorm)’) for this.

**Sample query:**

SELECT

A.concept\_id drug\_concept\_id,

A.concept\_name drug\_name,

A.concept\_code drug\_concept\_code,

D.concept\_id dose\_form\_concept\_id,

D.concept\_name dose\_form\_concept\_name,

D.concept\_code dose\_form\_concept\_code

FROM

full\_201706\_omop\_v5.concept\_relationship CR,

full\_201706\_omop\_v5.concept A,

full\_201706\_omop\_v5.concept D

WHERE

sysdate BETWEEN CR.valid\_start\_date AND CR.valid\_end\_date

AND CR.concept\_id\_1 = A.concept\_id

AND CR.concept\_id\_2 = D.concept\_id

AND CR.concept\_id\_1 = 19060647

AND CR.relationship\_id = 'RxNorm has dose form'

--AND CR.relationship\_ID = 4

--AND A.concept\_class\_id ='Clinical Drug'

--AND A.vocabulary\_id = 'RxNorm'

;

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Example** | **Mandatory** | **Notes** |
| Drug Concept ID | 19060647 | Yes | Must be a level 1 Clinical or Branded Drug or Pack |
| As of date | Sysdate | No | Valid record as of specific date. Current date – sysdate is a default |

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Drug\_Concept\_ID | Concept ID of drug entered with specified dose form |
| Drug\_Name | Name of drug with specified dose form |
| Drug\_Concept\_Code | Concept ID of the dose form |
| Dose\_Form\_Concept\_ID | Concept ID of the dose form |
| Dose\_Form\_Concept\_name | Name of the dose form |
| Dose\_Form\_Concept\_code | Concept code of dose form |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Drug\_Concept\_ID | 19060647 |
| Drug\_Name | Budesonide 0.2 MG/ACTUAT Inhalant Powder |
| Drug\_Concept\_Code | 247047 |
| Dose\_Form\_Concept\_ID | 19082259 |
| Dose\_Form\_Concept\_name | Inhalant Powder |
| Dose\_Form\_Concept\_code | 317000 |