**G11:** Find children for a given concept

This query lists all standard vocabulary concepts that are child concepts of a given concept entered as input. The query accepts a concept ID as the input and returns all concepts that are its immediate child concepts.

The query returns only the immediate child concepts that are directly linked to the input concept and not all descendants.

**Sample query:**

SELECT D.concept\_id Child\_concept\_id, D.concept\_name Child\_concept\_name, D.concept\_code Child\_concept\_code, D.concept\_class\_id Child\_concept\_class\_id, D.vocabulary\_id Child\_concept\_vocab\_ID, VS.vocabulary\_name Child\_concept\_vocab\_name

FROM concept\_ancestor CA, concept D, vocabulary VS

WHERE CA.ancestor\_concept\_id = 192671

AND CA.min\_levels\_of\_separation = 1

AND CA.descendant\_concept\_id = D.concept\_id

AND D.vocabulary\_id = VS.vocabulary\_id

AND sysdate BETWEEN D.valid\_start\_date

AND D.valid\_end\_date;

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Example** | **Mandatory** | **Notes** |
| Concept ID | 192671 | Yes | GI - Gastrointestinal hemorrhage |
| As of date | Sysdate | No | Valid record as of specific date. Current date – sysdate is a default |

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Child\_Concept\_ID | Concept ID of child concept entered as input |
| Child\_Concept\_Name | Name of child concept entered as input |
| Child\_Concept\_Code | Concept Code of child concept entered as input |
| Child\_Concept\_Class | Concept Class of child concept entered as input |
| Child\_Concept\_Vocab\_ID | ID of the vocabulary the child concept is derived from |
| Child\_Concept\_Vocab\_Name | Name of the vocabulary the child concept is derived from |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Value** |
| Child\_Concept\_ID | 4128705 |
| Child\_Concept\_Name | Haemorrhagic enteritis |
| Child\_Concept\_Code | 235224000 |
| Child\_Concept\_Class | Clinical finding |
| Child\_Concept\_Vocab\_ID | 1 |
| Child\_Concept\_Vocab\_Name | SNOMED-CT |