### CO06: What are a person's comorbidities.

### Returns all coexisting conditions for a given person as defined in the condition\_era table.

**Sample query:**

SELECT DISTINCT

CASE WHEN concept\_name\_1>concept\_name\_2 THEN concept\_name\_1 ELSE concept\_name\_2 END as condition1,

CASE WHEN concept\_name\_1>concept\_name\_2 THEN concept\_name\_2 ELSE concept\_name\_1 END AS condition2

FROM (

SELECT

concept\_name\_1,

concept\_name AS concept\_name\_2

FROM (

SELECT

condition\_concept\_id\_2,

concept\_name AS concept\_name\_1

FROM (

SELECT

table1.condition\_concept\_id AS condition\_concept\_id\_1,

table2.condition\_concept\_id AS condition\_concept\_id\_2

FROM

(SELECT \* FROM condition\_era WHERE person\_id = 136931019) AS table1,

(SELECT \* FROM condition\_era WHERE person\_id = 136931019) AS table2

WHERE

table2.condition\_era\_start\_date <= table1.condition\_era\_end\_date AND

(table2.condition\_era\_end\_date IS NULL OR table2.condition\_era\_end\_date >= table1.condition\_era\_start\_date) AND

table1.condition\_concept\_id<>table2.condition\_concept\_id

) AS comorb

LEFT JOIN concept AS concept\_list ON comorb.condition\_concept\_id\_1=concept\_list.concept\_id

) AS comorb2

LEFT JOIN concept AS concept\_list ON comorb2.condition\_concept\_id\_2=concept\_list.concept\_id

) AS condition\_pairs;

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Example** | **Mandatory** | **Notes** |
| person\_id | 136931019 | Yes | Randomly picked person identifier |

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Condition 1 | Name of one condition in the comorbidity. |
| Condition 2 | Name of the other condition in the comorbidity. |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| Condition 1 | Hyperlipidemia |
| Condition 2 | Abnormal breathing |