**CO24:** Counts of genders, stratified by condition

This query is used to count all genders (gender\_concept\_id), stratified by condition (condition\_concept\_id). All existing value combinations are summarized. Since some of the conditions have values only for one of the genders, in order not to present the concept id and name twice, a CASE clause is used.

**Sample query:**

SELECT ( CASE WHEN (male\_id<> null)

THEN (male\_id)

ELSE (female\_id) END) as concept\_id,

( CASE WHEN (male\_concept\_name<> null)

THEN (male\_concept\_name)

ELSE (female\_concept\_name) END) AS name

, count\_male,

count\_female FROM (

SELECT male\_list.condition\_concept\_id male\_id,

male\_list.concept\_name male\_concept\_name,

male\_list.count\_male count\_male ,

female\_list.condition\_concept\_id female\_id,

female\_list.concept\_name female\_concept\_name,

female\_list.count\_female count\_female FROM (

SELECT condition\_concept\_id,

concept\_name,

count(\*) AS count\_male

FROM condition\_occurrence, concept

WHERE condition\_occurrence.condition\_concept\_id=concept.concept\_id

AND person\_id IN (SELECT person\_id

FROM person

WHERE gender\_concept\_id=8507)

GROUP BY condition\_concept\_id, concept\_name) male\_list

FULL JOIN (

SELECT condition\_concept\_id,

concept\_name,

count(\*) AS count\_female

FROM condition\_occurrence, concept

WHERE condition\_occurrence.condition\_concept\_id=concept.concept\_id and

person\_id in

(SELECT person\_id

FROM person

WHERE gender\_concept\_id =8532)

GROUP BY condition\_concept\_id, concept\_name) as female\_list

on male\_list.condition\_concept\_id=female\_list.condition\_concept\_id)

**Input:**

None

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| concept\_id | Condition concept identifier |
| name | Concept name |
| count\_male | Number of concepts for male patients |
| count\_female | Number of concepts for female patients |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| concept\_id | 26711 |
| name | Chronic pharyngitis |
| count\_male | 6234 |
| count\_female | 11598 |