CE02: Age/gender of patients with condition

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| List of patient counts of specific age and gender for specific medical condition  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | concept\_name | OMOP Hip Fraction 1 | Yes | Concept ID=500000601 |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**  SELECT gender, age, count(\*) num\_patients  FROM -- patient with hip fracture, age, gender  (  SELECT DISTINCT condition.person\_id , gender.concept\_name As GENDER , EXTRACT( YEAR  FROM CONDITION\_ERA\_START\_DATE ) - year\_of\_birth AS age  FROM condition\_era condition  JOIN -- definition of Hip Fracture  (  SELECT DISTINCT descendant\_concept\_id  FROM relationship  JOIN concept\_relationship rel  USING( relationship\_id )  JOIN concept concept1 ON concept1.concept\_id = concept\_id\_1  JOIN concept\_ancestor ON ancestor\_concept\_id = concept\_id\_2  WHERE relationship\_name = 'HOI contains SNOMED (OMOP)' AND concept1.concept\_name = **'OMOP Hip Fracture** 1' AND sysdate BETWEEN rel.valid\_start\_date  AND rel.valid\_end\_date ) ON descendant\_concept\_id = condition\_concept\_id  JOIN person ON person.person\_id = condition.person\_id  JOIN concept gender ON gender.concept\_id = gender\_concept\_id )  GROUP BY gender, age  ORDER BY gender, age;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | gender | Patients gender, i.e. MALE, FEMALE | | age | The year of birth of the person. For data sources with date of birth, the year is extracted. For data sources where the year of birth is not available, the approximate year of birth is derived based on any age group categorization available. | | num\_patients | Number of patients for specific gender and age and selected condition |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | gender | FEMALE | | age | 16 | | num\_patients | 22 | |