COC01: Determines first line of therapy for a condition

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| **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | list of condition\_concept\_id | 432791, 4080130, 4081073, 4083996, 4083997, 4083998, 4084171, 4084172, 4084173, 4084174, 4086741, 4086742, 4086744, 4120778, 4125819, 4140613, 4161207, 4224624, 4224625, 4270861, 4270862, 4270865, 4292365, 4292366, 4292524, 4299298, 4299302, 4301157, 4307793 | Yes | Angioedema 1 | | ancestor\_concept\_id | 21003378 | Yes | Angioedema |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**  SELECT  ingredient\_name,  ingredient\_concept\_id,  count(\*) num\_patients  FROM /\*Drugs started by people up to 30 days after Angioedema diagnosis \*/ (  SELECT  condition.person\_id,  condition\_start\_date ,  drug\_era\_start\_date ,  ingredient\_name,  ingredient\_concept\_id  FROM /\* people with Angioedema with 180 clean period and 180 day follow-up \*/ (  SELECT  era.person\_id,  condition\_era\_start\_date AS condition\_start\_date  FROM condition\_era era  JOIN observation\_period obs  ON obs.person\_id = era.person\_id AND  condition\_era\_start\_date BETWEEN observation\_period\_start\_date + 180 AND observation\_period\_end\_date - 180  WHERE  condition\_concept\_id IN -- SNOMed codes for OMOP Angioedema 1  ( **432791, 4080130, 4081073, 4083996, 4083997, 4083998, 4084171, 4084172, 4084173, 4084174, 4086741, 4086742,**  **4086744, 4120778, 4125819, 4140613, 4161207, 4224624, 4224625, 4270861, 4270862, 4270865, 4292365, 4292366,**  **4292524, 4299298, 4299302, 4301157, 4307793** )  ) condition  JOIN drug\_era rx /\* Drug\_era has drugs at ingredient level \*/  ON rx.person\_id = condition.person\_id AND  rx.drug\_era\_start\_date BETWEEN condition\_start\_date AND condition\_start\_date + 30  JOIN /\* Ingredients for indication Angioedema \*/ (  SELECT  ingredient.concept\_id AS ingredient\_concept\_id ,  ingredient.concept\_name AS ingredient\_name  FROM concept ingredient  JOIN concept\_ancestor a ON a.descendant\_concept\_id = ingredient.concept\_id  WHERE  a.ancestor\_concept\_id = **21003378** /\* indication for angioedema \*/ AND  ingredient.vocabulary\_id = 8 AND  sysdate BETWEEN ingredient.valid\_start\_date AND ingredient.valid\_end\_date  ) ON ingredient\_concept\_id = drug\_concept\_id  )  GROUP by ingredient\_name, ingredient\_concept\_id  ORDER BY num\_patients DESC;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | ingredient\_name |  | | ingredient\_concept\_id |  | | count |  |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | ingredient\_name |  | | ingredient\_concept\_id |  | | count |  | |