COC08: Patients with condition and some observation criteria some number of days prior to or after initial condition

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | concept\_name | OMOP Aplastic Anemia 1 | Yes |  | | list of observation\_concept\_id | 3000905, 3003282, 3010813 |  | Leukocytes #/volume in blood |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**  SELECT DISTINCT  condition.person\_id ,  observation\_date,  condition\_era\_start\_date  FROM  condition\_era condition  JOIN -- definition of Aplastic Anemia  (  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 Aplastic Anemia 1'** AND  sysdate BETWEEN rel.valid\_start\_date and rel.valid\_end\_date  ) ON descendant\_concept\_id = condition\_concept\_id  JOIN observation  ON observation.person\_id = condition.person\_id AND  observation\_date BETWEEN condition\_era\_start\_date - 7 AND condition\_era\_start\_date + 7  WHERE  observation\_concept\_id IN /\* leukocytes #/volume in blood \*/ ( **3000905, 3003282, 3010813 ) AND**  unit\_concept\_id = 8961 /\* Thousand per cubic millimeter \*/ AND  value\_as\_number <= 3.5;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | person\_id |  | | observation\_date |  | | condition\_era\_start\_date | The start date for the condition era constructed from the individual instances of condition occurrences. It is the start date of the very first chronologically recorded instance of the condition. |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | person\_id |  | | observation\_date |  | | condition\_era\_start\_date | The start date for the condition era constructed from the individual instances of condition occurrences. It is the start date of the very first chronologically recorded instance of the condition. | |