COC05: Mortality rate after initial diagnosis

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| **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | concept\_name | OMOP Acute Myocardial Infarction 1 | Yes |  |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**  SELECT  COUNT( DISTINCT diagnosed.person\_id ) AS all\_infarctions ,  SUM( CASE WHEN death.person\_id IS NULL THEN 0 ELSE 1 END ) AS death\_from\_infarction  FROM -- Initial diagnosis of Acute Myocardial Infarction  (  SELECT DISTINCT  person\_id,  condition\_era\_start\_date  FROM /\* diagnosis of Acute Myocardial Infarction, ranked by date, 6 month clean period with 1 year follow-up \*/  (  SELECT  condition.person\_id,  condition.condition\_era\_start\_date ,  sum(1) OVER(PARTITION BY condition.person\_id ORDER BY condition\_era\_start\_date ROWS UNBOUNDED PRECEDING) AS ranking  FROM  condition\_era condition  JOIN --definition of Acute Myocardial Infarction 1  (  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 Acute Myocardial Infarction 1'** AND  sysdate BETWEEN rel.valid\_start\_date and rel.valid\_end\_date  ) ON descendant\_concept\_id = condition\_concept\_id  JOIN observation\_period obs  ON obs.person\_id = condition.person\_id AND  condition\_era\_start\_date BETWEEN observation\_period\_start\_date + 180 AND observation\_period\_end\_date - 360  ) WHERE ranking = 1  ) diagnosed  LEFT OUTER JOIN death /\* death within a year \*/  ON death.person\_id = diagnosed.person\_id AND  death.death\_date <= condition\_era\_start\_date + 360; **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | all\_infarctions |  | | death\_from\_infarction |  |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | all\_infarctions |  | | death\_from\_infarction |  | |