**C07: Find a pathogen by keyword**

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| This query enables a search of all pathogens using a keyword as input. The resulting concepts could be used in query [C09](http://vocabqueries.omop.org/condition-queries/c9) to identify diseases caused by a certain pathogen.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | Keyword for pathogen | 'Trypanosoma' | Yes | Keyword should be placed in a single quote | | As of date | Sysdate | No | Valid record as of specific date. Current date – sysdate is a default |   **Sample query run:** The following is a sample run of the query to list all pathogens specified using a keyword as input. The sample parameter substitutions are highlighted in **blue**.  SELECT  C.concept\_id Pathogen\_Concept\_ID,  C.concept\_name Pathogen\_Concept\_Name,  C.concept\_code Pathogen\_concept\_code,  C.concept\_class\_id Pathogen\_concept\_class,  C.standard\_concept Pathogen\_Standard\_Concept,  C.vocabulary\_id Pathogen\_Concept\_Vocab\_ID,  V.vocabulary\_name Pathogen\_Concept\_Vocab\_Name  FROM  concept C,  vocabulary V  WHERE  LOWER(C.concept\_class\_id) = 'organism' AND  LOWER(C.concept\_name) like  **'%trypanosoma%'**  AND C.vocabulary\_id = V.vocabulary\_id AND  **sysdate**  BETWEEN C.valid\_start\_date AND C.valid\_end\_date;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | Pathogen\_Concept\_ID | Concept ID of SNOMED-CT pathogen concept | | Pathogen\_Concept\_Name | Name of SNOMED-CT pathogen concept with keyword entered as input | | Pathogen\_Concept\_Code | Concept Code of SNOMED-CT pathogen concept | | Pathogen\_Concept\_Class | Concept class of SNOMED-CT pathogen concept | | Pathogen\_Standard\_Concept | Indicator of standard concept of SNOMED-CT pathogen concept | | Pathogen\_Vocab\_ID | Vocabulary ID of the vocabulary from which the pathogen concept is derived from (1 for SNOMED-CT) | | Pathogen\_Vocab\_Name | Name of the vocabulary from which the pathogen concept is derived from (SNOMED-CT) |   Sample output record:   |  |  | | --- | --- | | **Field** | **Value** | | Pathogen\_Concept\_ID | 4085768 | | Pathogen\_Concept\_Name | Trypanosoma brucei | | Pathogen\_Concept\_Code | 243659009 | | Pathogen\_Concept\_Class | Organism | | Pathogen\_Standard\_Concept | S | | Pathogen\_Vocab\_ID | SNOMED | | Pathogen\_Vocab\_Name | Systematic Nomenclature of Medicine - Clinical Terms (IHTSDO) | |