DEX11: Distribution of brands used for a given generic drug

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| This query provides the brands that are used for a generic drug. The input to the query is a value of a drug\_concept\_id. See[vocabulary queries](http://vocabqueries.omop.org/drug-queries) for obtaining valid drug\_concept\_id values.  Note that depending on the mapping available for the source\_values in the drug\_exposure table, branded drug information might only partially or not be provided. See the Standard Vocabulary Specifications at  <http://omop.org/Vocabularies>.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | drug\_concept\_id | 19019306 | Yes | Nicotine Patch |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**.  SELECT tt.drug\_name,  tt.brand\_name,  100.00\*tt.part\_brand/tt.total\_brand as perc\_brand\_count  FROM  (  SELECT t.drug\_name,  t.brand\_name,  t.cn\_3\_02 part\_brand,  SUM(t.cn\_3\_02) OVER() total\_brand  FROM  (  SELECT sum((select count(1) from drug\_exposure d where d.drug\_concept\_id = cr003.concept\_id\_2)) cn\_3\_02,  A.Concept\_Name drug\_name,  D.Concept\_Name brand\_name  FROM  concept AS A  INNER JOIN concept\_relationship AS CR003  ON CR003.concept\_id\_1 = A.concept\_id  INNER JOIN concept\_relationship AS CR007  ON CR007.concept\_id\_2 = CR003.concept\_id\_2  INNER JOIN  concept\_relationship AS CR006  ON CR007.concept\_id\_1 = CR006.concept\_id\_1  INNER JOIN  concept D  ON CR006.concept\_id\_2 = D.concept\_id  WHERE  CR003.relationship\_ID = 'Has tradename'  AND A.concept\_class\_id = 'Clinical Drug'  AND CR007.relationship\_ID = 'Constitutes'  AND CR006.relationship\_ID = 'Has brand name'  AND D.concept\_class\_id = 'Brand Name'  AND A.concept\_id = **35606533**  GROUP BY A.Concept\_Name,  D.Concept\_Name  ) t  ) tt  WHERE tt.total\_brand > 0 ;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | drug\_name | The name of the query drug | | brand\_name | The name of the brand | | perc\_brand\_count | The market share for each brand |   Sample output record:   |  |  | | --- | --- | | **Field** | **Content** | | drug\_name |  | | brand\_name |  | | perc\_brand\_count |  | |