

# 1. Quick Start

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## 1.1 Basic Query

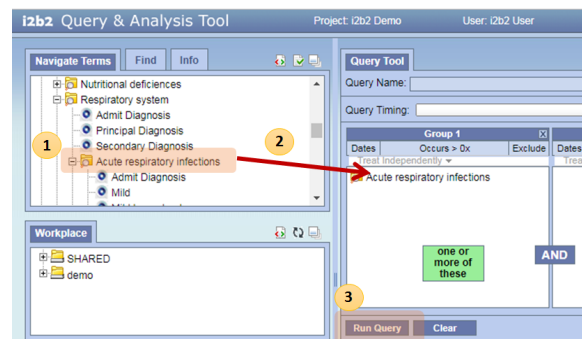
Basic queries are constructed by dragging and dropping terms from the 'Navigate Terms' panel into a 'Query Tool' group panel. **[How to]**

1. Find a term
  - a. Go to 'Navigate Terms' tab
  - b. Click folders to expand the lists of terms
  - c. Select a term
2. Drag and drop to 'Group 1'
  - a. Drag the selected term into 'Query Tool > Group 1'
3. Run Query
  - a. Click 'Query Tool > Run Query' 'OK'
4. Get Result
  - a. Query running status will be displayed in 'Show Query Status' tab, which is located below 'Query Tool'
  - b. Query result will be displayed in 'Graph Results'
    - i. Number of patients
    - ii. Query name
  - c. The query and its result will be stored and displayed in 'Previous Queries' panel

### [Example]

Find all patients who have  
at least one diagnosis of *Acute respiratory infections*.

1. Find *Acute respiratory infections*
  - a. Go to 'Navigate Terms' panel
  - b. Select *Diagnosis Respiratory system Acute respiratory infections*
2. Drag and drop
  - a. Drag the *Acute respiratory infections* term into 'Query Tool > Group 1'
3. Run Query
  - a. Click 'Query Tool > Run Query' 'OK'
4. Get Results
  - a. See the 'Graph Results' tab for the query result
  - b. The query is now stored in the 'Previous Queries' panel



## 1.2 Adding an AND term

Terms in different groups have a logical **AND** relationship. When terms are combined with the **AND** operator, retrieved records must contain all the terms.

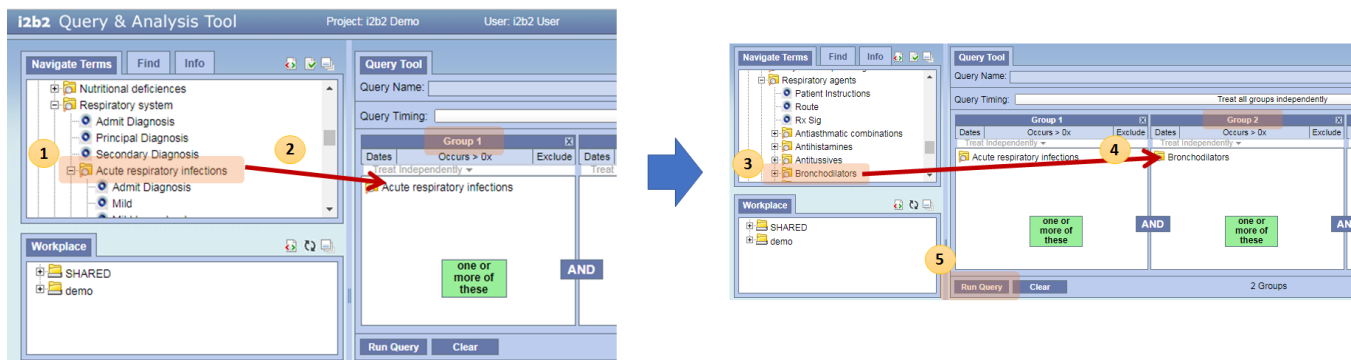
### [How to]

1. Find a Term
  - a. Go to 'Navigate Terms' tab
  - b. Click term folders to narrow down the concept
  - c. Select a term
2. Drag and drop to 'Group 1'
  - a. Drag the selected term into 'Query Tool > Group 1'
3. Find another Term
4. Drag and drop to 'Group 2'
  - a. Drag the selected term into 'Query Tool > Group 2'
5. Run Query
  - a. Click 'Query Tool > Run Query' 'OK'
6. Get Result
  - a. See the 'Graph Results' tab for the query result
  - b. The query is now stored in the 'Previous Queries' panel

## [Example]

Find all patients who have  
at least one diagnosis of *Acute respiratory infections*  
**AND**  
at least one prescription of *Bronchodilators*.

1. Find *Acute respiratory infections*
  - a. Go to 'Navigate Terms' panel
  - b. Select *Diagnosis Respiratory system Acute respiratory infections*
2. Drag and drop
  - a. Drag the *Acute respiratory infections* term into 'Query Tool > Group 1'
3. Find *Bronchodilators*
  - a. Go to 'Navigate Terms' panel
  - b. Select *Medications Respiratory agents Bronchodilators*
4. Drag and drop
  - a. Drag the *Acute respiratory infections* term into 'Query Tool > Group 2'
5. Run Query
  - a. Click 'Query Tool > Run Query' 'OK'
6. Get Results
  - a. See the 'Graph Results' tab for the query result
  - b. The query is now stored in the 'Previous Queries' panel



## 1.3 Adding an OR term

Terms in the same group have a logical **OR** relationship. When terms are combined with the **OR** operator, retrieved records will contain either or both terms.

### [How to]

1. Find a Term
  - a. Go to 'Navigate Terms' panel
  - b. Click term folders to narrow down the concept
  - c. Select a term
2. Drag and drop to 'Group 1'
  - a. Drag the selected term into 'Query Tool > Group 1'
3. Find another Term
4. Drag and drop to 'Group 1'
  - a. Drag the selected term into 'Query Tool > Group 1', again.
5. Run Query
  - a. Click 'Query Tool > Run Query' 'OK'
6. Get Result
  - a. See the 'Graph Results' tab for the query result
  - b. The query is now stored in the 'Previous Queries' panel

## [Example]

Find all patients who have

at least one diagnosis of *Acute respiratory infections* OR at least one diagnosis of *Asthma*

AND

at least one prescription of *Bronchodilators*.

1. Find *Acute respiratory infections*
  - a. Go to 'Navigate Terms' panel
  - b. Select *Diagnosis Respiratory system Acute respiratory infections*
2. Drag and drop
  - a. Drag the *Acute respiratory infections* term into 'Query Tool > Group 1'
3. Find *Asthma*
  - a. Go to 'Navigate Terms' panel
  - b. Select *Diagnosis Respiratory system Chronic obstructive diseases Asthma*
4. Drag and drop
  - a. Drag the *Acute respiratory infections* term into 'Query Tool > Group 1', again
5. Find *Bronchodilators*
  - a. Go to 'Navigate Terms' panel
  - b. Select *Medications Respiratory agents Bronchodilators*
6. Drag and drop
  - a. Drag the *Acute respiratory infections* term into 'Query Tool > Group 2'
7. Run Query
  - a. Click 'Query Tool > Run Query' 'OK'
8. Get Results
  - a. See the 'Graph Results' tab for the query result
  - b. The query is now stored in the 'Previous Queries' panel

The screenshot shows the 'Query Tool' interface. At the top, there is a 'Query Name' field and a 'Query Timing' dropdown set to 'Treat all groups independently'. Below this, there are two main panels, 'Group 1' and 'Group 2', each with a 'Dates' dropdown and an 'Occurs > 0x' dropdown. In 'Group 1', the terms 'Acute respiratory infections' and 'Asthma' are listed. In 'Group 2', the term 'Bronchodilators' is listed. Between the two groups, there is a blue box with the word 'AND'. Below each group's list of terms, there is a green box with the text 'one or more of these'. At the bottom, there are 'Run Query' and 'Clear' buttons, and a status bar indicating '2 Groups'.