

1. Quick Start

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1.1 Basic Query

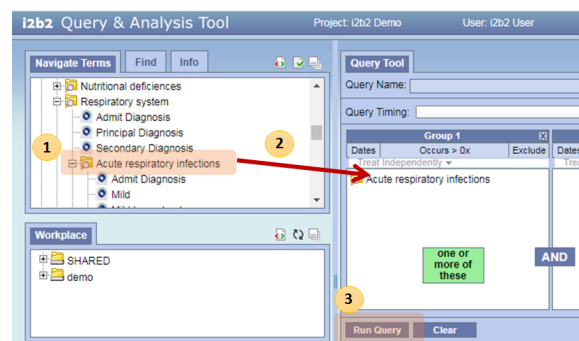
Basic queries are constructed by dragging and dropping terms from the 'Navigate Terms' panel into a 'Query Tool' group panel. **[How to]**

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.

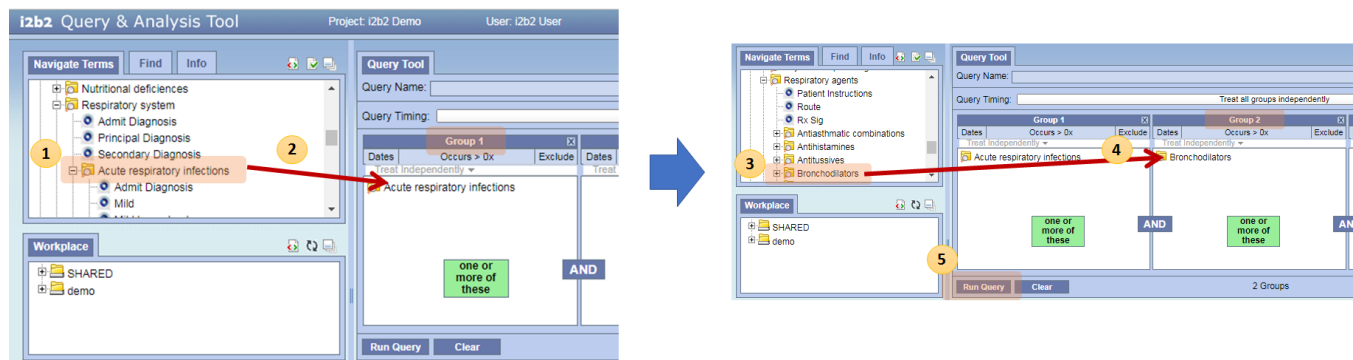
[How to]

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, an 'Occurs > 0x' field, and an 'Exclude' checkbox. Group 1 contains two terms: 'Acute respiratory infections' and 'Asthma'. Group 2 contains one term: 'Bronchodilators'. Between the two groups is a blue 'AND' button. Below each group's list of terms is a green box with the text 'one or more of these'. At the bottom of the interface are 'Run Query' and 'Clear' buttons, and a status bar indicating '2 Groups'.