

1. Quick Start

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1.1 Basic Query

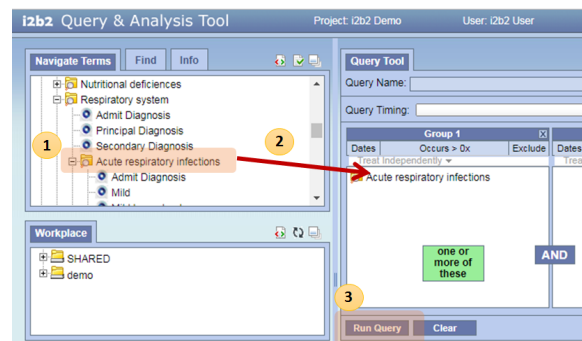
Basic queries are constructed by dragging and dropping terms from the 'Navigate Terms' panel into a 'Query Tool' group panel. **[How to]**

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.

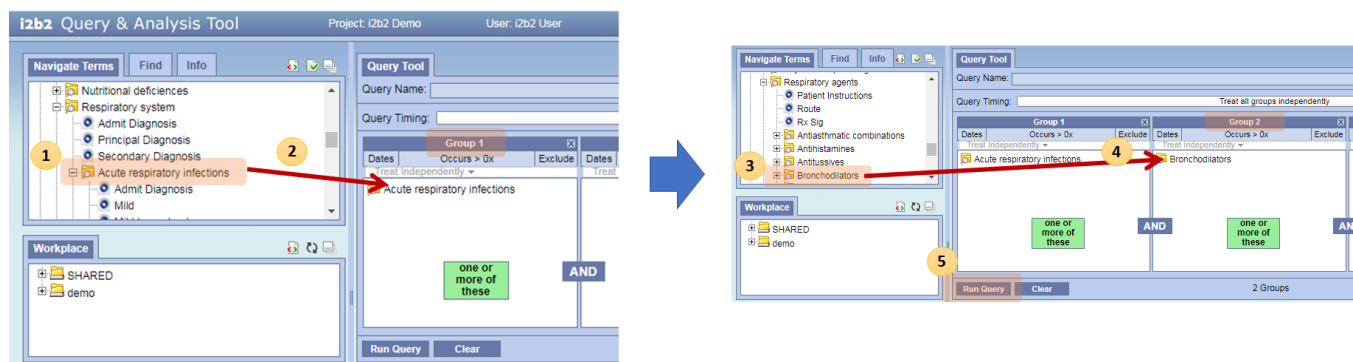
[How to]

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 panel has a 'Dates' dropdown, an 'Occurs > 0x' field, and an 'Exclude' checkbox. In 'Group 1', the 'Dates' dropdown is set to 'Treat independently', and the list contains 'Acute respiratory infections' and 'Asthma'. In 'Group 2', the 'Dates' dropdown is also set to 'Treat independently', and the list contains 'Bronchodilators'. Between the two groups, there is a blue 'AND' button. Below the groups, there are two green boxes, each containing the text 'one or more of these'. At the bottom, there are 'Run Query' and 'Clear' buttons, and a status bar indicating '2 Groups'.