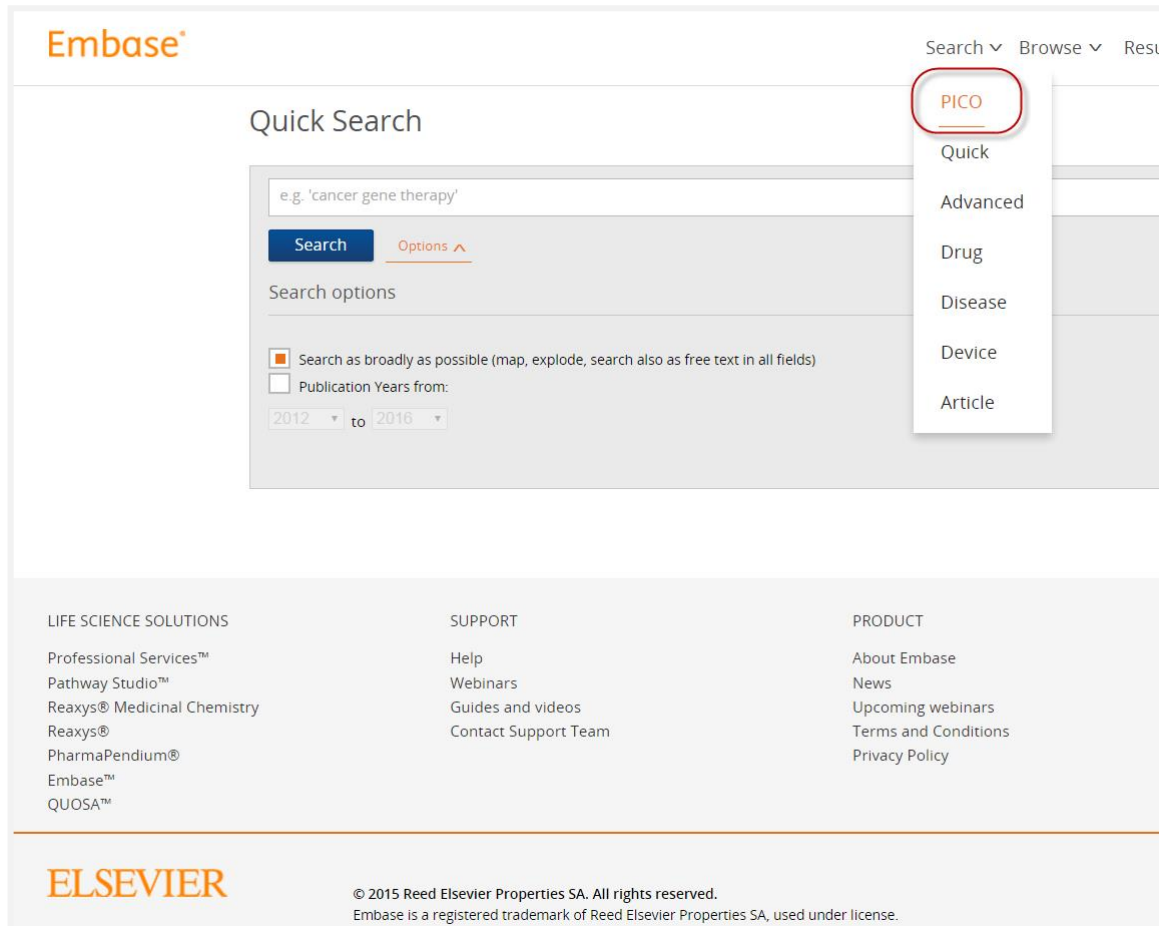


Using the new PICO search form

Select **PICO** from the drop down menu under **Search** in the main navigation bar.



The screenshot displays the Embase website interface. At the top left is the Embase logo. In the top right corner, there are navigation links: "Search", "Browse", and "Results". A dropdown menu is open under "Search", with the "PICO" option highlighted by a red circle. Other options in the menu include "Quick", "Advanced", "Drug", "Disease", "Device", and "Article".

The main content area is titled "Quick Search". It features a search input field containing the text "e.g. 'cancer gene therapy'". Below the input field are a "Search" button and an "Options" link. Underneath, there is a section for "Search options" with two checkboxes: "Search as broadly as possible (map, explode, search also as free text in all fields)" (checked) and "Publication Years from:" (unchecked). The "Publication Years from:" section includes two dropdown menus set to "2012" and "2016" with "to" between them.

The footer contains three columns of links:

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At the bottom, the Elsevier logo is on the left, and the copyright notice "© 2015 Reed Elsevier Properties SA. All rights reserved. Embase is a registered trademark of Reed Elsevier Properties SA, used under license." is on the right.

Using the new PICO search form

On the left-hand side of the page, type a keyword under '**Find best term**' and choose one of the terms from the suggested list.

Embase

Find best term

meningitis

- meningitis
- abacterial meningitis
Synonym for 'aseptic meningitis'
- aseptic meningitis
- aseptic meningitis, virus
Synonym for 'virus meningitis'
- bacterial meningitis
- Candida meningitis

PICO Search
Translate your medical questions into search queries

Population

Intervention

Comparison

Outcome

Using the new PICO search form

Emtree will appear on the left-hand side of the page with the selected term **highlighted**.

Hover the mouse beside the term and click '**Add to Query**' when it appears. The term will be added to the query as an orange token.

The screenshot displays the Embase interface. On the left, the Emtree search form is titled 'Find best term' and shows a search for 'meningitis'. The Emtree tree structure is visible, with 'meningitis' highlighted in orange. A red circle highlights the 'Add to Query +' button next to 'meningitis'. On the right, the PICO Search form is titled 'PICO Search' and contains fields for Population, Intervention, Comparison, and Outcome.

Embase'

Find best term
meningitis

Emtree
diseases
physical disease
physical disease by anatomical structure
neurologic disease
central nervous system disease
central nervous system infection
meningitis
arachnoiditis
aseptic meningitis
bacterial meningitis
epidemic meningitis
fungal meningitis
group B streptococcal men...

Add to Query +

PICO Search
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Comparison

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Using the new PICO search form

The term will be searched as **broadly as possible** by default, meaning it will be mapped to Emtree, narrower terms will also be searched and free text in all fields will be searched.

To only search the **index term**, search as a **major focus** or perform an **explosion search**, click on the orange token to select another search option from the list that appears.

The screenshot displays the Embase PICO Search interface. The search term 'meningitis' is entered in the search box. A dropdown menu is open, showing search strategies and their corresponding result counts:

Search Strategy	Results
/br - search strategy (Broad)	103898 Results
/mj Major focus	20400 Results
/de Index term	43494 Results
/exp Explosion	91230 Results

The interface also shows a tree view on the left with 'meningitis' selected under 'physical disease'. Below the dropdown, there are buttons for '+ Add Synonyms' and 'Remove Token X'. The search results list includes 'meningitis', 'lymphocytic choriomeningitis', and 'meningoencephalitis'.

Using the new PICO search form

Once an Emtree term is added, a grey (ghost) token will appear next to the orange one. Click on the grey token to add all synonyms of that term to your query.

- Added synonyms are searched in **all fields** by default.
- Individual synonyms can be selected by clicking the orange **radio buttons** beside the synonyms in the left-side panel.

The screenshot displays the Embase PICO Search interface. On the left, a panel titled "5 Synonyms for meningitis" lists several terms with radio buttons for selection: leptospirotic meningitis, meningial inflammation, meningitis, meningitis, recurrent, perimeningeal infections, and recurrent meningitis. On the right, the "PICO Search" form is shown, with a "Population" field containing "meningitis /br" and "+ 5 Synonyms :all". The "Intervention" and "Comparison" fields are currently empty.

Using the new PICO search form

Added synonyms are searched in **all fields** by default.

Click on the drop-down arrow or right-click to change the fields where the free-text term is searched.

- **Note:** a search of all fields searches titles, abstracts, author keywords, brand names, manufacturer name etc.)

The screenshot shows the Embase PICO Search interface. On the left, there is a list of 6 synonyms for meningitis: leptospirotic meningitis, meningial inflammation, meningitis, meningitis, recurrent, perimeningeal infections, and recurrent meningitis. Each synonym has a toggle switch. On the right, the PICO Search form is visible, with the Population field set to "meningitis /br" and a dropdown menu for search strategy. The dropdown menu is open, showing the following options:

Search Strategy	Results
<input type="radio"/> :ti title	5,000 Results
<input type="radio"/> :ab abstract	10,000 Results
<input type="radio"/> :ti,ab title or abstract	50,000 Results
<input checked="" type="radio"/> :all all	100,000 Results

At the bottom of the dropdown menu, there is a "Remove Token" button with a red X icon.

Using the new PICO search form

You can also add a term to the search by typing a keyword in a query line and selecting a term from the drop-down list.

- Terms with an orange bullet are **Emtree terms**.
- Click on the blue **+** sign to add a **'free' term**.
 - When an indexed term is selected, it will be added to the query as an orange token.
 - A free term is searched in all fields by default.

The screenshot displays the Embase PICO Search interface. On the left, a hierarchical tree structure shows the path from 'Emtree' to 'diseases', 'physical disease', 'physical disease by anatomical structure', 'neurologic disease', 'central nervous system disease', 'central nervous system infection', and finally 'meningitis'. The 'meningitis' node is highlighted with an orange circle. Below the tree, a list of specific meningitis terms is shown, with 'meningitis' selected and highlighted in orange. On the right, the 'PICO Search' section is visible, with the text 'Translate your medical questions into search queries'. Under the 'Population' section, 'meningitis' is entered and highlighted with an orange circle. Below the list of suggestions, a blue button with a '+' sign is labeled 'Use 'meningitis' as a Free Term'.

Using the new PICO search form

Embase automatically adds the OR connector (Boolean operator) between terms *within* an individual PICO element.

The Boolean 'AND' operator will be used to combine search terms/strategies *between* the different elements.

While a search is being built, Embase calculates the number of results and displays the number in the lower right-corner of the page.

Select '**Show # results**' to perform the search and view the results.

PICO Search
Translate your medical questions into search queries

Population

bacterial meningitis /br + 8 Synonyms :all or Haemophilus meningitis /br + 6 Synonyms :all or
pneumococcal meningitis /br + 4 Synonyms :all

Intervention

antibiotic* :all

Comparison

Outcome

Reset Query

Show 43 Results

More information is available in the Help file:

http://help.elsevier.com/app/answers/detail/a_id/4635/p/7794

Using the new PICO search form

Terms can be added anywhere in the search line. Place the cursor in front or behind any term and begin typing to add a new term or parenthesis.

Alternatively, place the cursor at the appropriate position in the search query, and select a term from the Emtree panel on the left-hand side of the page to add the term to that position.

Embase®

Find best term

Emtree

- diseases
 - physical disease
 - physical disease by etiology and pathogenesis
 - neoplasm
 - benign tumor
 - congenital tumor [Add to Query +](#)
 - cystic neoplasm
 - experimental neoplasm
 - fetal tumor
 - incidentaloma

PICO Search

Translate your medical questions into search queries

Population

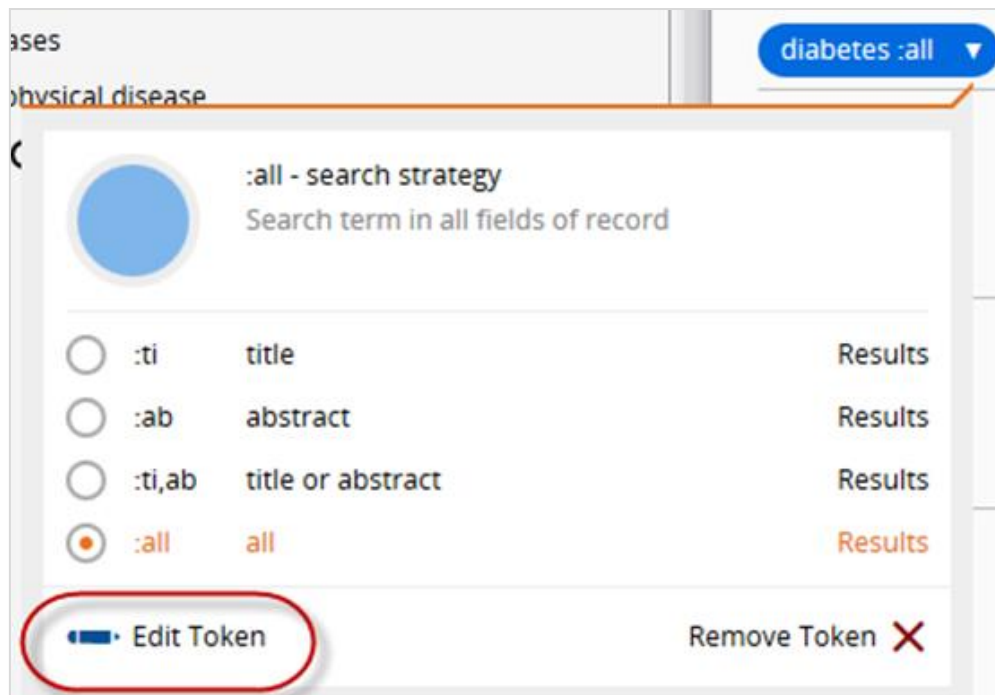
cancer /br | br fetal tumor /br

Intervention

Comparison

Using the new PICO search form

Double-click on a token or select the 'Edit Token' button in the fly-out menu to edit or modify your search term.



Using the new PICO search form

Remove a token by pressing the delete key on your keyboard in front or after the token or by expanding the fly-out and selecting 'Remove Token'.

The screenshot shows a search interface with a fly-out menu for the token 'cancer /br'. The menu lists search strategies and their corresponding result counts:

Search Strategy	Results
/br - search strategy Maps, explodes and searches your term as free text in all fields	37547 Results
<input type="radio"/> /mj Major focus	7379 Results
<input type="radio"/> /de Index term	1548 Results
<input type="radio"/> /exp Explosion	37504 Results

At the bottom of the fly-out menu, there is a '+ Add Synonyms' button and a 'Remove Token X' button, which is highlighted with a red oval.