



ELSEVIER

# What's new in Embase<sup>®</sup>?

The details of our December 2019 release



# New! Overview of December 2019 Embase release

From December 2019, Embase users can:

- Apply enhanced functionalities to the Medical device search framework
- Make use of the new Article search with additional validations steps and options

# July 2019: new medical device search form to support device PMS for the MDR 2020 regulation



# December 2019: more user control to the medical device search

# More control to the medical device search

## Previous Medical device search

Medical device

Quick FICO IV Wizard **Medical device** New Advanced Drug Disease Device Article Authors

### Medical device search form

Search tips

Device name

Name:

+ Add 10 synonyms

Include subheading

Adverse device effect     Clinical trial

Device comparison     Device economics

AND

Adverse effects

OR

AND

Query details

Limit to

Human studies     Animal studies

Publication years     Records added to Embase

2009 2019

>1966 2019

Select date

Show 183,675 results

## Current Medical device search

Medical device

Quick FICO IV Wizard **Medical device** New Advanced Drug Disease Device Article Authors

Search tips

Device name

Include subheading

Adverse device effect     Clinical trial

Device comparison     Device economics

AND

Adverse effects

OR

AND

Query details

Limit to

Study limit

None

Publication years     Records added to Embase (including end date)

2009 2019

>1966 2019

Select date

Show 181,586 results

display full query

# New options to the medical device search: **overview**

The screenshot shows a search interface for medical devices. It is divided into three main sections: 'Device name', 'Adverse effects', and 'Query details'. Each section has a search input field and various filters. Orange circles and arrows highlight specific features: 'Add 10 synonyms' in the device name section, 'Add adverse effects' and 'Add device specific adverse effects' in the adverse effects section, 'Study limit' in the query details section, and 'display full query' at the bottom. A blue bar at the bottom indicates 'Show 181,586 results'.

Immediate view of the number of synonyms available

Immediate view of the number of device specific adverse effects available

Choice of human and animal studies combinations with Boolean operators

Search query string visible at every step

# New options to the medical device search: device synonyms

**OLD** All/nothing display of the selection of synonyms

Add device name synonyms

- 10 synonyms for stent:
- Corinthian (device)
- E-Luminexx
- HANAROSTENT
- Hanaro stent

Add 9 synonyms

**NEW** Partial selection display of the synonyms

Add device name synonyms

- 10 synonyms for stent:
- Corinthian (device)
- E-Luminexx
- HANAROSTENT
- Hanaro stent
- Heralink Elite

Add 9 synonyms

# New options to the medical device search: device synonyms

**OLD** No option to edit the extra added synonyms **NEW** Option to edit any of the extra added synonyms



Add device name synonyms

- stents
- stent custom synonym 1
- stent custom synonym 2
- stent custom synonym 3

Add synonym

Add 13 synonyms

Add device name synonyms

- stent
- stenting
- stents
- stent custom synonym 1 
- stent custom synonym 3 

Add synonym

stent custom synonym 2

Add 11 synonyms

# New options to the medical device search:

## study limit

**OLD** No option of combining the study limits

Query details

Limit to

Human studies  Animal studies

**NEW** Option to combine the study limits

Query details

Limit to

Study limit

None

Humans

Animals

Humans and animals

Humans or animals

Humans not animals

Animals not humans

# New options to the medical device search:

## query display

**OLD** No option to display the query before execution

Show 181,586 results

**NEW** Option to display the query at each step

Show 181,586 results

display full query

# New options to the medical device search: query display

NEW

Full query for stent ×

((stent/exp OR stent:ti,ab ) OR ('E-Luminex':tn,ti,ab OR 'HANAROSTENT':tn,ti,ab OR 'Hanaro stent':tn,ti,ab OR 'Herculink Elite':tn,ti,ab OR 'LifeStent':tn,ti,ab OR 'Parodi (device)':tn,ti,ab OR 'stent':tn,ti,ab OR 'stenting':tn,ti,ab OR 'stents':tn,ti,ab OR 'stent custom synonym 1':tn,ti,ab OR 'stent custom synonym 3':tn,ti,ab) OR (stent/exp/'adverse device effect'))

Show 181,586 results

The search query can be displayed and executed at each intermediate step

# New Article search

## OLD Previous Article search

Article Search

Quick PICO PV Wizard Medical device **New** Advanced Drug Disease Device Article Authors

Article title: Acute oropharyngeal infection ISSN:

Author Name: e.g. Smith J.A. CODEN: This is only available for titles added before 2005

Journal Title:  Exact Digital Object Identifier (DOI):

Abbreviated Journal Title:  Exact Volume:

Publication Years from: 2019 to 2019 Issue:

First page:

Search >

## NEW Current Article search

Article

Quick PICO PV Wizard Medical device Advanced Drug Disease Device **New** Article Authors

Article title: Acute oropharyngeal infection

Author name e.g. Smith J. A.  Exact

Journal title  Exact

Abbreviated journal title  Exact

Publication years

DOI  CODEN  ISSN

Volume  Issue  First page

Show results



# New Article search: validation

## OLD No validation

Article title:

Author Name: e.g. Smith J.A.

Journal Title:  Exact

Abbreviated Journal Title:  Exact

Publication Years from:  
2019 ▼ to 2019 ▼

## NEW Empty fields do not activate the 'Exact' option

Article title

Author name e.g. Smith J. A.  Exact

Journal title  Exact

Abbreviated journal title  Exact

# New Article search: **exact author name**

**OLD** No 'Exact' author name option

Article title:

Author Name  e.g. Smith J.A.

Journal Title:  Exact

Abbreviated Journal Title:  Exact

**NEW** 'Exact' author name option

Article title

Author name e.g. Smith J. A.  
 Exact

Journal title  
 Exact

Abbreviated journal title  
 Exact

# New Article search: **publication date slider**

OLD

Publication Years from:  
2012 ▼ to 2019 ▼

**NEW**

Publication years

1966 2012 2019 2019

# Thank you

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