What’s new in Embase®?

The details of our July 2019 release
New! Medical device search framework

To ensure that your post market surveillance literature monitoring is as comprehensive as possible, we’re adding a new Medical device search to Embase.

From July 2019, Embase users can run a post market surveillance search for medical devices in just a few steps:

• Select the device term
• Add synonyms to the device
• Add general device adverse effects
• Add specific device adverse effects
• Limit to clinical or pre-clinical studies
• Limit to a specific time frame
European Medical Device Regulations (MDR 2017/745) reflect more stringent requirements for Clinical Data and a continuous process of Clinical Evaluation.

The new MDR Article 2 defines:

**Clinical evaluation** means a systematic and planned process to continuously **generate, collect, analyse and assess** the **clinical data** pertaining to a device in order to verify the safety and performance, including clinical benefits, of the device when used as intended by the manufacturer.
A stepwise framework for building complex medical device post-market surveillance (PMS) queries
Post market surveillance for medical devices on one page

- Sensitive search using syntax and specific suggestions
The fundamentals of the device search form

- Adverse device effects
- Device with subheadings
- Alternative device names
- Specific adverse events
- Study limit

Search Summary
Start [Device] / [Subheading]
OR ([Device name]
AND ([Adverse device effects]
OR [Special adverse effects]))
AND [Study limit]
Finding adverse device effects: all possible mentions

**INPUT**

1. Type in a device term

2. Specify the adverse effects

3. Limit to: patients; time frame

**OUTPUT QUERY**

- 3,923 hits

'everolimus eluting coronary stent'/exp OR 'promus element' OR 'promus element plus' OR 'xience alpine' OR 'xience prime' OR 'xience prime II' OR 'xience xpedition' OR 'xience nano' OR 'xience-v' OR 'everolimus eluting coronary stent' OR 'xience'

AND ('adverse device effect'/exp OR 'adverse device effect'/lnk OR 'device safety'/exp OR 'device failure'/exp OR 'device infection'/exp OR 'complication'/exp OR 'risk'/exp OR 'side effect'/exp OR 'injury'/exp OR 'death'/exp OR 'device induced':de,ab,ti,kw OR misplacement*:de,ab,ti,kw OR complicat*:de,ab,ti,kw OR risk*:de,ab,ti,kw OR safe*:de,ab,ti,kw OR complaint*:de,ab,ti,kw OR injur*:de,ab,ti,kw OR death*:de,ab,ti,kw OR died:de,ab,ti,kw OR mortality:de,ab,ti,kw OR fatalit*:de,ab,ti,kw OR obstruction*:de,ab,ti,kw OR failure*:de,ab,ti,kw OR perforat*:de,ab,ti,kw OR rupture*:de,ab,ti,kw OR breakag*:de,ab,ti,kw OR malfunction*:de,ab,ti,kw OR impair*:de,ab,ti,kw OR hazardous:de,ab,ti,kw OR irritant*:de,ab,ti,kw OR irritat*:de,ab,ti,kw OR ((device OR equipment OR mechanical OR technical) NEAR/2 (safety OR fail* OR withdrawal OR ineff* OR problem* OR removal* OR loosen* OR migrat*)):de,ab,ti,kw OR ((adverse OR side OR undesirable OR unwanted OR lack OR allergic OR fatal OR unexplained OR loss OR unexpected) NEXT/2 (effect*OR reaction* OR event* OR outcome*)):de,ab,ti,kw OR (patient* NEAR/2 (discomfort* OR risk*)):de,ab,ti,kw
Thank you