

What's new in Embase?

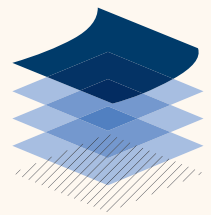
New features and functionality

- Device clinical evaluation support
- Increased flexibility for exports
- Email alerts with direct links to source texts
- Visual analytics to support medical affairs reporting (*coming in 2020*)



New content and indexing

- 110 veterinary science journals
- New medical device terms
- Expanded conference coverage
- New adverse event subheadings
- Nursing journals and terms



The increasing volume of biomedical information published in journals, conference abstracts and other peer-reviewed literature presents a challenge to researchers, physicians and scientists. Elsevier has a strong commitment to developing solutions that provide ready access to curated collections of high-quality information. We want to ensure that you get relevant answers to your questions so that you can make informed decisions in evidence-based medicine, pharmacovigilance, medical affairs, and drug and medical device development.

In 2019 and 2020, we're adding content, adding and improving Embase features, and refining indexing terms in Emtree®, the thesaurus used to manually index content in Embase. All these improvements are designed to deliver greater value from the world's largest collection of biomedical literature.

In addition to the improvements made by the Embase development team, Embase has been recognized once again as an essential database. The Chinese National Medical Products Association (NMPA) now recommends Embase for pharmacovigilance, including it in the *Guidelines for the Collection and Reporting of Adverse Drug Reactions*.

Improved! Support for medical device assessments

Embase is recommended for medical device assessments in the European Commission's *Guidance on the Clinical Evaluation of Medical Devices MEDDEV 2.7.1 (rev. 4)* and in the Chinese national guidelines for clinical evaluation of medical devices. We continue to refine Embase to increase the recall and precision of medical device-focused searches.

We've increased Emtree's medical device vocabulary to include more devices, trade names and synonyms. This improves the recall and precision of medical device-focused searches. Emtree now contains 81,000 preferred terms for medical devices along with 356,000 synonyms. This number includes over 2,000 medical device trade names as terms.

We've added a search form for clinical evaluation reports and post-market surveillance of medical devices. This makes it easier to create high-recall, high-precision queries for these workflows. It has a similar functioning to the highly praised PV Wizard, with a rapid five-step process to create a complex search.

Updated! Alternative labels for concepts

Concept searching is fundamental to a range of biomedical literature reviews. Alternative labels for important concepts help to retrieve relevant records that use different terms for the concept of interest. We've added over 1,200 alternative labels for concepts to ensure the comprehensiveness of concept searches.



Improved! Earlier inclusion of MEDLINE® content

Changes in the approach to Embase updates will soon mean earlier inclusion of MEDLINE records, including Articles In Press, In Process and In Data Review, and inclusion of PubMed-not-MEDLINE content. This will ensure that systematic reviews and literature monitoring performed with Embase remain as current and comprehensive as possible.

New! Veterinary and nursing journals and indexing

To support systematic reviews, pharmacovigilance and research focused on veterinary medicine, we've made two changes to Embase. The database now includes an additional 110 veterinary sciences journals chosen for their relevance to these important workflows. In addition, veterinary adverse event and drug terms have been added to Emtree.

We're also adding more literature focused on nursing together with the appropriate expansions to the taxonomy to support search construction focused on this important area of biomedical research and practice.

New! PV-related drug search subheadings

To make pharmacovigilance-related searches more precise, additional drug search subheadings are being added to Embase. Subheadings restrict the search to specific aspects of a topic. The new pharmacovigilance subheadings include "Lack of drug effect", "Partial drug response" and "Disease worsening" under "Unexpected outcome of drug treatment"; and "Drug overdose", "Drug exposure during lactation" and "Off-label drug use" under "Special situation for PV".

To facilitate search construction, these subheadings can now easily be added to searches being constructed in PV Wizard. They are listed with checkboxes at the bottom of the PV Wizard screen. We've also added them as filter options to make it easier to work with results, focusing on different aspects of interest.

Improved! Adverse event definitions for PV

To ensure that searches and resulting reports remain compliant with regulatory guidelines, we've aligned the adverse drug event definition in Embase with the regulatory authority definition and the mode of data retrieval with the related regulatory reporting.

Improved! Export flexibility and personalization

Increased flexibility in the export functionality allows customers to export more fields and more formats, meaning they can align exported information with the formatting of references for a given review or report type and more easily handle references for content management.

In addition, PDF has been added as a format for exporting results. This was due to popular demand from Embase users.

Improved! Email alerts with direct links to sources

We've included direct links from article abstracts in email alerts to the source text on the publisher website and/or the OpenURL in Embase. This saves time when alerts of interest come in: there is no longer a need to open the abstract in Embase and then open the source article.

New! Visual analytics for medical affairs

Embase is increasing its support for literature monitoring by medical affairs groups with new dedicated features and functionality. In 2020, we'll expand our coverage of conference proceedings and add new visual analytics features to facilitate rapid review of result sets. Visual analyses can be based on information about drugs, diseases and medical devices; or on key opinion leaders categorized by field and/or conference attendance.

Embase

Embase helps customers improve biomedical literature monitoring for pharmacovigilance, uncover drug-disease relationships and drug-drug interactions, and perform systematic reviews and medical device research by increasing the discovery of evidence and providing comprehensive, relevant and up-to-date information.

For more information, visit:
elsevier.com/embase.

