



What's new in Embase®?

The details of our April 2019 release



Contents

With the April 2019 release, Embase users can:

- Enjoy even more current and comprehensive access to MEDLINE® content
- Access pharmacovigilance subheadings directly through PV Wizard and the *Drugs* filter category
- Quickly view all the filter options in a filter category
- Use the new option to export records as a PDF
- View enhanced alert information through a URL link

New! Keeping up-to-date with MEDLINE

To ensure that your systematic reviews and literature monitoring remain as current and comprehensive as possible, we're adding more types of MEDLINE record to Embase.

From March 2019, Embase users can directly access these valuable record types:

- MEDLINE Articles In Press
- MEDLINE Ahead of Print

MEDLINE content definitions

- **MEDLINE Articles in Press** have been accepted for publication but not yet formally published, i.e., they do not have complete volume, issue and page information.
- **MEDLINE Articles in Process** have undergone a citation-level review. Most will go on to be indexed with MeSH® headings but some may be determined out-of-scope.
- **MEDLINE Articles in Data Review** have only undergone review at the journal issue level. They may become Articles in Process after quality review, but some may be determined out-of-scope.
- **PubMed-not-MEDLINE** content means MEDLINE journal articles that have not been assigned MeSH headings because they are not in scope for MEDLINE.

New! Subheadings for pharmacovigilance

To improve the accuracy of pharmacovigilance queries, we've added the following subheadings to Embase. Using a subheading in query construction or filtering restricts the search to documents that deal with a specific aspect of your topic (i.e., have been indexed as relevant for that aspect).

There are two categories: “special situation for pharmacovigilance” (search syntax field code: **dd_pv**, e.g., **warfarin/dd_pv**) and “unexpected outcomes of drug treatment (search syntax field code: **dd_tm**, e.g., **clobazam/dd_tm**). The full list of subheadings for each category are shown on the next three slides.

The new subheadings are available in PV Wizard and as filters.

Special situation for PV subheadings (I)

Special situation	Instruction for indexing
Compassionate use	Use in the case of compassionate use of a drug or an expanded access-program or -trial for a drug. Use when indicated as such by the author.
Counterfeit drug	Use when the authors suspect or confirm a falsified drug. Use when indicated as such by the author.
Disease transmission via medicinal product	Use when the authors suspect or confirm the transmission of an infectious agent via a drug or a medicinal product. Use when indicated as such by the author.
Drug abuse	Use in the case of drug abuse (the intentional excessive use of a drug accompanied by harmful physical or psychological effects). Use when indicated as such by the author.
Drug exposure during lactation	Use when a nursing infant is exposed to a drug through breast feeding. Use when indicated as such by the author.
Drug misuse	Use in the case of drug misuse (the intentional and inappropriate use of a drug not in accordance with authorized product information). Use when indicated as such by the author.
Drug overdose	Use in the case of a drug overdose. Use when indicated as such by the author.
Drug quality defect	Used when the authors suspect or confirm a quality defect of a drug. Used when indicated as such by the author

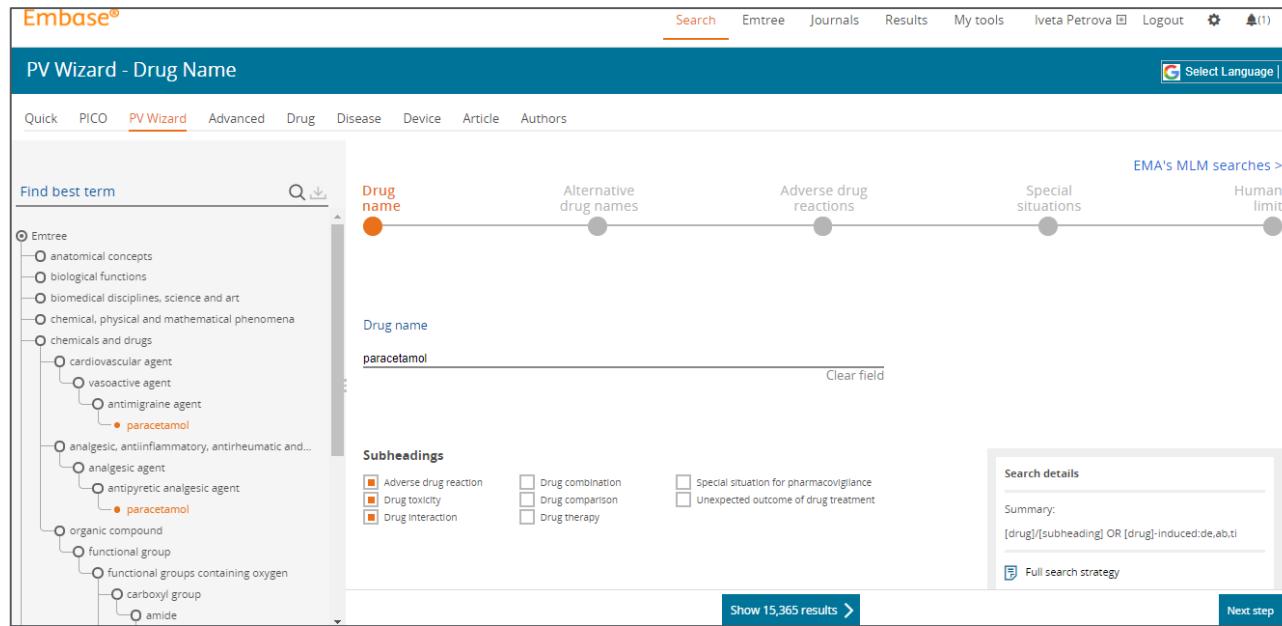
Special situation for PV subheadings (II)

Special situation	Instruction for indexing
Aged	Use when a drug is used for elderly patients (for humans age 65 years and over)
Kidney failure	Use when the drug is used by patients with kidney failure. Use when indicated as such by the author.
Liver failure	Use when the drug is used by patients with liver failure. Use when indicated as such by the author.
Medication error	Use in the case of a medication error, including medication errors through device malfunction. Use when indicated as such by the author.
Named patient program	Use in the case of drugs used in a named-patient program. Use when indicated as such by the authors
Occupational drug exposure	Use in the case of exposure to a drug as a result of one's occupation. Use when indicated as such by the author.
Off label drug use	Use in the case of off-label drug use (the intentional use of a drug for a medical purpose not in accordance with authorized product information). Use when indicated as such by the author.
Pediatric patient	Use when a drug is used for pediatric patients (for humans less than 18 years of age)
Prenatal drug exposure	Use when the embryo or fetus is exposed to a drug through the parent. Use when indicated as such by the author.

Unexpected outcome subheadings

Unexpected outcome	Instruction for indexing
Disease worsening with drug treatment	Use when the authors report disease worsening after drug therapy. The authors must make a connection between drug and the disease worsening.
Lack of drug effect	Use when the authors report a lack of therapeutic efficacy of the drug.
Partial drug response	Use when the authors report a partial response of the drug.
Unexpected therapeutic effect	Use when the authors report an unexpected therapeutic drug effect.

How to find the subheadings in PV Wizard

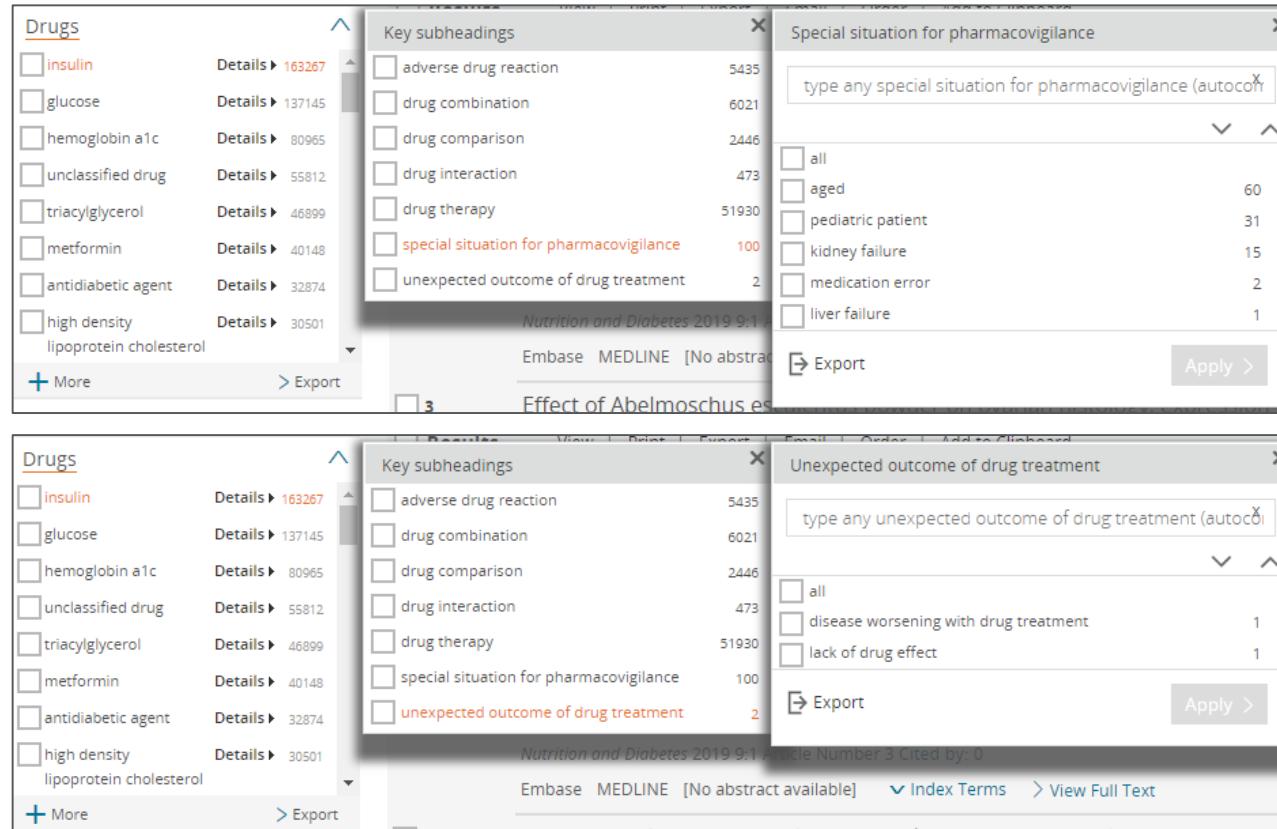


The screenshot shows the PV Wizard - Drug Name step of the Embase search interface. The search bar contains 'paracetamol'. On the left, a tree diagram shows the classification of 'paracetamol' under 'analgesic, antiflammatory, antirheumatic and...'. The 'Drug name' subheading is selected, highlighted with an orange dot. Other subheadings shown are 'Alternative drug names', 'Adverse drug reactions', 'Special situations', and 'Human limit'. The 'Subheadings' section on the right lists 'Adverse drug reaction', 'Drug toxicity', 'Drug interaction', 'Drug combination', 'Drug comparison', 'Drug therapy', 'Special situation for pharmacovigilance', and 'Unexpected outcome of drug treatment'. The 'Search details' section shows the search summary: '[drug]/[subheading] OR [drug]-induced.de,ab,ti' and a 'Full search strategy' link. Buttons for 'Show 15,365 results >' and 'Next step >' are at the bottom.

The new subheadings are available in **PV Wizard** in the *Drug name* step.

Simply click the subheading category to apply it to the query and limit the search to records indexed with subheadings in this category.

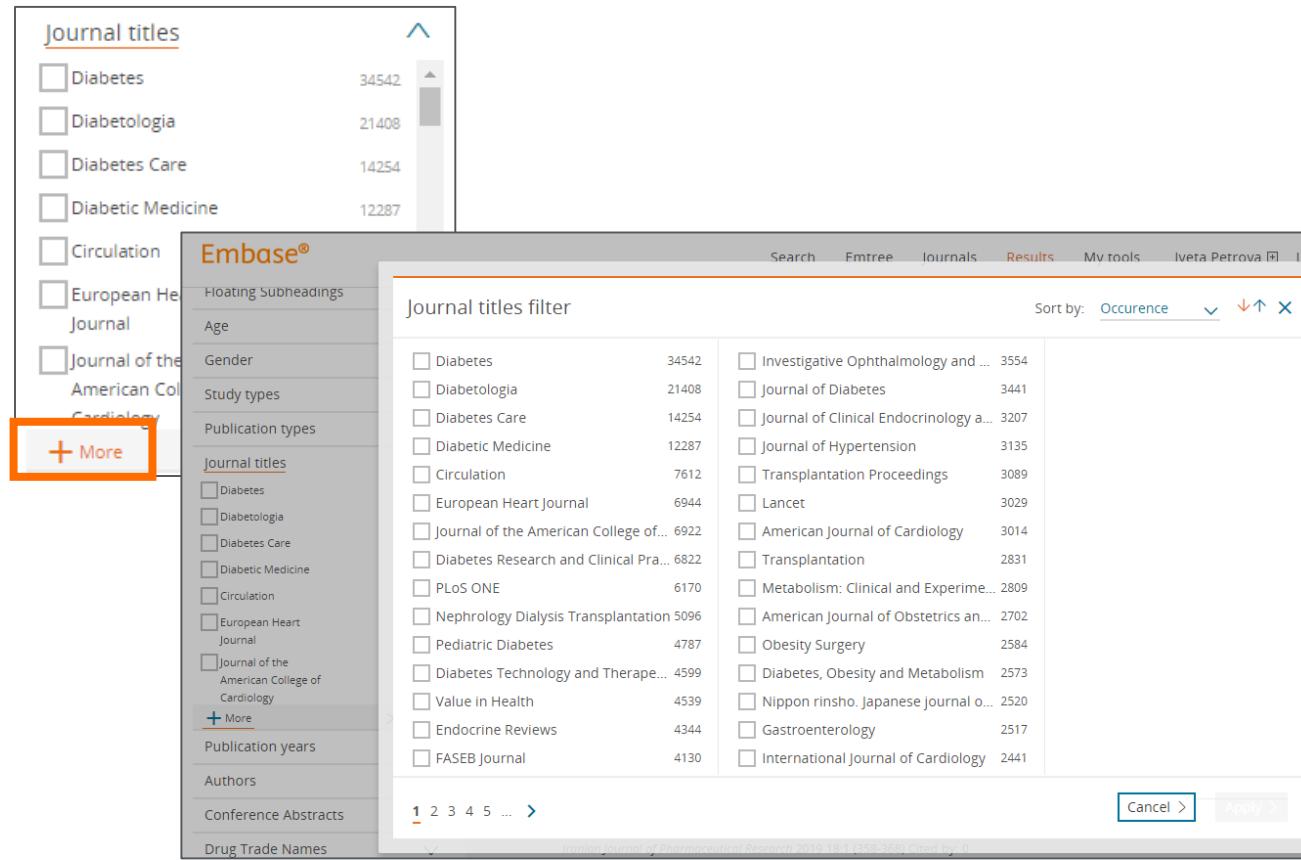
How to find the subheadings in the filters



The screenshot shows a drug search interface with a sidebar on the left listing various drugs. The sidebar includes a 'Drugs' heading and a list of items like insulin, glucose, hemoglobin a1c, etc., each with a checkbox and 'Details' link. Below this is a '+ More' link and an 'Export' button. The main area shows a search result for 'Effect of Abelmoschus esculentus on blood glucose levels in type 2 diabetes' with a 'Nutrition and Diabetes 2019;9:1' link. At the bottom are 'Embase', 'MEDLINE', '[No abstract available]', 'Index Terms', and 'View Full Text' buttons. Two filter dialogs are overlaid on the interface. The top dialog is titled 'Key subheadings' and 'Special situation for pharmacovigilance'. It contains a search bar 'type any special situation for pharmacovigilance (autocor)', a list of subheadings with counts (e.g., 'adverse drug reaction' 5435, 'drug combination' 6021, 'drug comparison' 2446, 'drug interaction' 473, 'drug therapy' 51930, 'special situation for pharmacovigilance' 100, 'unexpected outcome of drug treatment' 2), and a list of categories (all, aged, pediatric patient, kidney failure, medication error, liver failure). The bottom dialog is titled 'Key subheadings' and 'Unexpected outcome of drug treatment'. It contains a search bar 'type any unexpected outcome of drug treatment (autocor)', a list of subheadings with counts (e.g., 'adverse drug reaction' 5435, 'drug combination' 6021, 'drug comparison' 2446, 'drug interaction' 473, 'drug therapy' 51930, 'special situation for pharmacovigilance' 100, 'unexpected outcome of drug treatment' 2), and a list of categories (all, disease worsening with drug treatment, lack of drug effect).

The new subheadings are available through the *Drugs* filters on the **Results** pages. Simply click the drug name to reveal the dialog with the key subheading category names. Clicking on the category name opens the dialog with the subheading names.

New! Revealing all the filters in a category



The screenshot shows the Embase search interface. On the left, a sidebar lists various filter categories: Journal titles, Embase®, Age, Gender, Study types, Publication types, and Authors. The 'Journal titles' category is expanded, showing sub-options like Diabetes, Diabetologia, Diabetes Care, Diabetic Medicine, Circulation, European Heart Journal, Journal of the American College of Cardiology, and a '+ More' option. The '+ More' option is highlighted with a red box. The main search area shows a 'Journal titles filter' dialog with a table of journal titles and their counts. The table is sorted by occurrence. The first few rows include Diabetes (34542), Diabetologia (21408), Diabetes Care (14254), Diabetic Medicine (12287), Circulation (7612), European Heart Journal (6944), Journal of the American College of... (6922), Diabetes Research and Clinical Pra... (6822), PLoS ONE (6170), Nephrology Dialysis Transplantation (5096), Pediatric Diabetes (4787), Diabetes Technology and Therape... (4599), Value in Health (4539), Endocrine Reviews (4344), and FASEB Journal (4130). The dialog also includes a 'Sort by' dropdown set to 'Occurrence', a 'Cancel' button, and an 'APPLY' button.

It's now easier to view all the filters available in a category. Simply click on +More at the bottom of an expanded filter category to open a dialog window with the names of all the available filters shown with the number of records tagged with that filter.

Improved! Exporting results as a PDF

Export Data

Choose a format:

PDF

RIS format (Mendeley, EndNote)

RefWorks Direct Export

CSV - Fields by Row

CSV - Fields by Column

Plain Text

XML

MS Word

MS Excel - Fields by Row

MS Excel - Fields by Column

PDF

Choose an output:

Content:

Additional options:

Save export preferences

1 Autism

Records selected: 100

3 Records downloaded - Tue Mar 05 11:24:22 UTC 2019

RECORD 1

TITLE

Autism spectrum disorders: let's talk about glucose?

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Translational Psychiatry (2019) 9:1 Article Number: 51. Date of Publication: 1 Dec 2019

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Nature Publishing Group, Houndsmill, Basingstoke, Hampshire, United Kingdom.

ABSTRACT

Autism spectrum disorders (ASD) are characterized by disconnectivity due to disordered neuronal migration, and by neuronal mitochondrial dysfunction. Different pathways involved in neuronal migration are affected by intrauterine hyperglycemia and hyperinsulinemia, while prolonged neonatal hypoglycemia may cause mitochondrial dysfunction. Our hypothesis was that conditions leading to intrauterine hyperglycemia or neonatal hypoglycemia would influence ASD pathogenesis. In this study, we identified risk factors for ASD by searching PubMed with the MeSH terms "autism spectrum disorders" and "risk factors". We then analyzed the relationship between the risk factors and glucose

PDF has been added as a format option for export of content from Embase. Simply select it from the *Choose a format* dropdown menu.

An example of a PDF export is shown.

Improved! Direct links from email alerts to sources

Embase®

18389 new articles for the period 2019-02-14 to 2019-02-15 were found for search “[All records](#)” (updated on 2018-11-15).

EDIT any email alert
DISABLE this email alert
[Go to Embase search results](#)

1. **Regenerative medicine curriculum for next-generation physicians**
Wyles S.P., Hayden R.E., Meyer F.B., Terzic A.
npj Regen. Med. 2019 4:1
Embase

[Go to publisher for the full text](#)
[Go to Embase for the OpenURL link](#)

Abstract

Regenerative sciences are poised to transform clinical practice. The quest for regenerative solutions has, however, exposed a major gap in current healthcare education. A call for evidence-based adoption has underscored the necessity to establish rigorous regenerative medicine educational programs early in training. Here, we present a patient-centric regenerative medicine curriculum embedded into medical school core learning. Launched as a dedicated portal of new knowledge, learner proficiency was instilled by means of a discovery–translation–application blueprint. Using the “from the patient to the patient” paradigm, student experience recognized unmet patient needs, evolving regenerative technologies, and ensuing patient management solutions. Targeted on the deployment of a regenerative model of care, complementary subject matter included ethics, regulatory affairs, quality control, supply chain, and biobusiness. Completion of learning objectives was monitored by online tests, group teaching, simulated clinical examinations along with longitudinal continuity across medical school training and residency. Success was documented by increased awareness and proficiency in domain-relevant content, as well as specialty identification through practice exposure, research engagement, clinical acumen, and education-driven practice advancement. Early incorporation into mainstream medical education offers a tool to train next-generation healthcare providers equipped to adopt and deliver validated regenerative medicine solutions

You can now navigate directly from an item in an email alert to the source text at the publisher website or to Embase for the OpenURL link. Access to the source text depends on permissions.

Improved! Other updates in this release

To ensure the best user experience, our development team continually monitors Embase, addressing anything that can be refined and improved.

In this release, the team has:

- Performed bibliographic data quality checks and made appropriate corrections
- Implemented bug fixes

Thank you

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