

# EMBASE<sup>®</sup> Classic

Ovid

## Index of Key Biomedical Backfile of 43 *Excerpta Medica* Abstracts Published from 1947-1973

- Get immediate access to more than 1.8 million records from 43 *Excerpta Medica* abstracts published in print between 1947-1973
- Uncover historical literature—from approximately 3,400 international publications—in cancer, cardiovascular therapy, drug development, veterinary science, and other biomedical and pharmacology specialties
- Search EMBASE Classic and the current file of EMBASE for a continuous chronology of evidence-based research
- Search using OvidSP's powerful search functionality, time-saving workflow tools, and intuitive interface
- Fill content gaps in your electronic collection
- Save on space and cost if you have *Excerpta Medica* abstracts in print on your library's shelves

Available on OvidSP, Ovid's powerful, industry-leading precision search and discovery platform, the EMBASE Classic backfile draws from journals published in print prior to the creation of the online-only EMBASE file in 1974.

Produced by Elsevier and international in scope, EMBASE Classic covers approximately 3,400 journals and indexes more than 1.8 million records from biomedical and pharmacological literature. This is a must-have resource for any library or healthcare institution supporting biomedical and pharmacological research.

### Why EMBASE Classic on Ovid?

- Search EMBASE and EMBASE Classic simultaneously
- Utilize OvidSP's proprietary mapping technology to deliver precise results by matching search terms to the Emtree thesaurus terms
- Make a simple, convenient, one-time purchase and get unlimited access on OvidSP
- Perform multi-file searches with related databases in just one step—with deduplication
- Use Basic Search to take advantage of natural language processing; or choose Advanced Search for more precise results
- Instantly link to subscribed full-text articles (PDFs if available)

*\*See page 2-4 for product features, use cases, a complete list of Excerpta Medica Abstract journals indexed, and more.*

**Access to historical literature gives today's researchers insight into the discoveries that have shaped modern practice.**

### Features of EMBASE Classic:

- A growing collection of more than 1.8 million records in pharmacology, biomedicine, toxicology, and more
- Abstracts—available for 90% of all records—drawn from 3,400 international publications
- Covers the 13 original abstract journals, plus later titles in cancer, cardiovascular medicine, and obstetrics and gynecology
- Includes unique fields for searching numerical index codes, such as CAS Registry Numbers and Molecular Sequence Numbers
- Use of the Emtree thesaurus, which includes more than 52,000 preferred terms and over 215,000 synonyms

### Use EMBASE Classic for:

- Basic biomedical research
- Drug discovery and development
- Regulatory compliance
- New uses for old drugs
- Evidence-based medical practice
- Veterinary pathology and histopathology
- Designing and mounting clinical investigations
- History of approved uses for drugs
- History of scientific and medical discoveries
- Adverse drug reaction monitoring on old drugs or endogenous compounds
- Historic research that is revived with a new discovery

### What are the kinds of research findings you'll discover in EMBASE Classic?

- Past uses of a specific drug so that researchers can re-purpose for different treatments and use for future drug discovery
- Past toxicities associated with metabolites, derivatives, and isomers to invest in compounds with most potential
- Research off-label uses and efficacy claims of the past
- Essential historical information on drug toxicities and adverse events monitoring for due diligence and regulatory compliance
- The advent of antibiotics such as penicillin and streptomycin, as well as methotrexate, one of the earliest anticancer agents
- Important discoveries and developments of life-saving vaccines for polio, mumps, and measles
- DNA helical structure, seen for the first time in 1953
- First artificial heart in a dog and the first human heart transplant
- Critical historical data for pharmacovigilance

## See below for an example of how searching in EMBASE Classic on OvidSP can help you quickly find what you're looking for:

A researcher is trying to discover the history of drug treatment of high cholesterol. OvidSP helps narrow search results and generate a complete set of precise results.

1. Using the Search Tools mode, enter the term *hypercholesteremia*, select Map term, then click Search. The Mapping Display will appear listing the correct Emtree terms.

### Mapping Display

**Your term mapped to the following Subject Headings:**

Click on a subject heading to view more general and more specific terms within the thesaurus.  
See term mapped to thesaurus term

Include All Subheadings

Combine selections with:

Select	Subject Heading	Explode	Focus	Scope
<input checked="" type="checkbox"/>	<a href="#">hypercholesterolemia</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="I"/>
<input type="checkbox"/>	<a href="#">hypercholesteremia.mp. search as Keyword</a>			

2. See the Emtree thesaurus' tree view to narrow down or explode.

<a href="#">hypercholesterolemia, familial</a> ▼					
<input checked="" type="checkbox"/>	<a href="#">hypercholesterolemia</a>	3439	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="I"/>
	[Used For]				
	<a href="#">cholesteremia</a>				
	<a href="#">cholesterinemia</a>				
	<a href="#">cholesterolemia</a>				
	<a href="#">hypercholesteremia</a>				
	<a href="#">hypercholesterinaemia</a>				
	<a href="#">hypercholesterinemia</a>				
	<a href="#">hypercholesterolaemia</a>				
	[Broader Terms]				
<input type="checkbox"/>	<a href="#">disorders of cholesterol metabolism</a>	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="I"/>
<input type="checkbox"/>	<a href="#">hyperlipidemia</a>	5000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="I"/>
	[Narrower Terms]				
<input type="checkbox"/>	<a href="#">familial hypercholesterolemia</a>	141	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="I"/>
<a href="#">hypercholesterolemia, familial</a> ▼					

## OvidSP: Flexible, Precise, Innovative.

OvidSP is transforming how users search, with breakthrough technology and powerful, flexible workflow tools, empowering you to search the way you want.

- Choose from multiple search modes, depending on what you're looking for and how you like to search
- Use everyday natural language to retrieve relevance-ranked results
- Streamline workflow with customized search refinement, alerting, and results management tools
- Search simultaneously across journals, books, and databases

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Count on Ovid's award-winning technical support team  
24/7/365!

## Why Historical Literature is Still Important to Today's Researchers

EMBASE Classic is an essential source for uncovering the history of drug toxicities and adverse events so that researchers can utilize the information to re-purpose drug compounds for innovative future indications.

A great example of how historical research can directly lead to future drug discovery is the case of thalidomide. Thalidomide was originally prescribed for pregnant women in the 1950s—until thousands of mothers gave birth to severely deformed children. Later researchers noted that thalidomide was also used as an effective sleep-inducing agent and were able to re-purpose thalidomide for indications for certain forms of leprosy. Thalidomide is also being researched in clinical trials for various types of cancer.

## Complete list of *Excerpta Medica* abstracts indexed in EMBASE Classic

- *Abstracts of Human Developmental Biology, Developmental Biology & Teratology*
- *Adverse Reactions Titles*
- *Anaesthesiology*
- *Anatomy, Anthropology, Embryology, Histology*
- *Arthritis & Rheumatism*
- *Biochemistry, Clinical Biochemistry*
- *Cancer*
- *Cardiovascular Diseases & Cardiovascular Surgery*
- *Dermatology, Venereology*
- *Drug Dependence*
- *Endocrinology*
- *Environmental Health & Pollution Control*
- *Epilepsy Abstracts*
- *Gastroenterology*
- *General Pathology, Pathological Anatomy*
- *Gerontology & Geriatrics*
- *Haematology*
- *Health Economics*
- *Human Genetics*
- *Immunology, Serology & Transplantation*
- *Internal Medicine*
- *Medical Instrumentation, Biophysics, Bioengineering & Medical Instrumentation*
- *Medical Microbiology, Hygiene, Immunology, Serology, Bacteriology, Virology, Mycology, Parasitology*
- *Neurology, Neurosurgery*
- *Neurology, Psychiatry*
- *Nuclear Medicine*
- *Obstetrics, Gynaecology*
- *Occupational Health & Industrial Medicine*
- *Ophthalmology*
- *Orthopaedics & Traumatology*
- *Otology, Rhino, Laryngology*
- *Pediatrics, Pediatrics Surgery*
- *Pharmacology & Toxicology*
- *Physiology, Biochemistry, Pharmacology*
- *Plastic Surgery*
- *Psychiatry*
- *Public Health, Social Medicine & Hygiene*
- *Radiology*
- *Rehabilitation & Physical Medicine*
- *Surgery*
- *Tuberculosis, Pulmonary Diseases, Chest Diseases, Thoracic Surgery & Tuberculosis*
- *Urology, Urology & Nephrology*
- *Virology*