



ELSEVIER

# Embase<sup>®</sup> 기본 검색 가이드

2023 release



# 기본 검색 방법

- Embase 접속하기
- 간편 검색 (Quick Search)
- 고급검색 (Advanced Search)
- 약물검색 (Drug Search)
- 질병검색 (Disease Search)
- 의료장비검색 (Device Search)
- 문헌검색 (Article Search)
- Authors 검색
- Emtree 검색
- Journal 검색
- PICO 검색
- PV Wizard 검색
- My tools

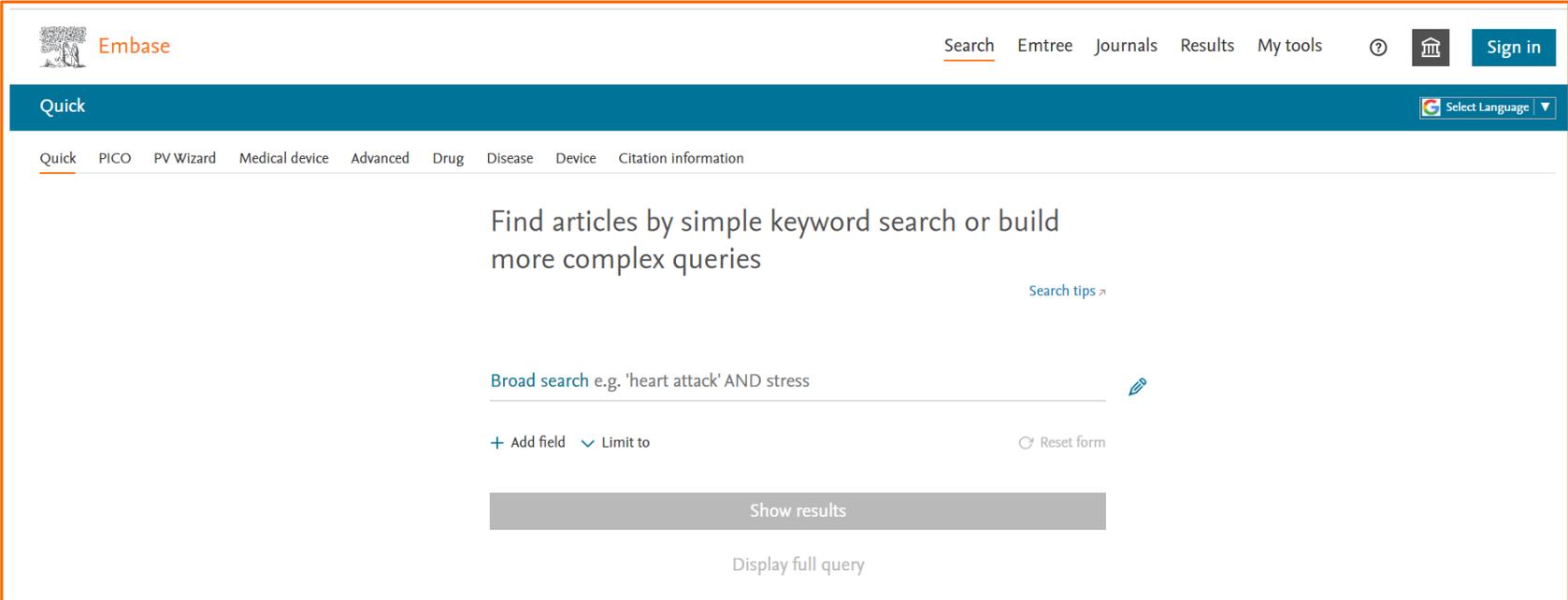


# 1. Embase 시작하기 : 접속하기

접속방법에는 크게 두가지 방법이 있습니다.

1. 기관 IP 대역대에서 [www.embase.com](http://www.embase.com) 으로 직접 접속 합니다.

2. 기관 도서관에 로그인 후 전자DB Embase를 찾아 클릭합니다. (기관 IP 대역에서 벗어나 있을 때 활용하면 좋은 방법입니다)



The screenshot shows the Embase Quick Search page. At the top, there is the Embase logo and a navigation menu with links for Search, Emtree, Journals, Results, My tools, and Sign in. Below the navigation is a search bar with a 'Quick' tab selected. The search bar contains the text 'Broad search e.g. 'heart attack' AND stress'. Below the search bar are options to '+ Add field', 'Limit to', and 'Reset form'. A 'Show results' button is prominently displayed at the bottom of the search area.



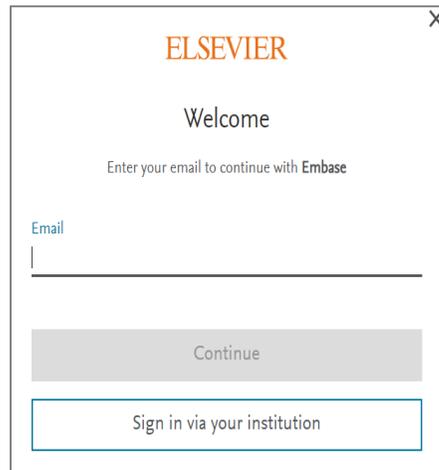
- Embase의 첫 화면
- Quick Search 화면이 첫 화면으로 보입니다.

# 1. Embase 시작하기 : 개인 계정 만들기

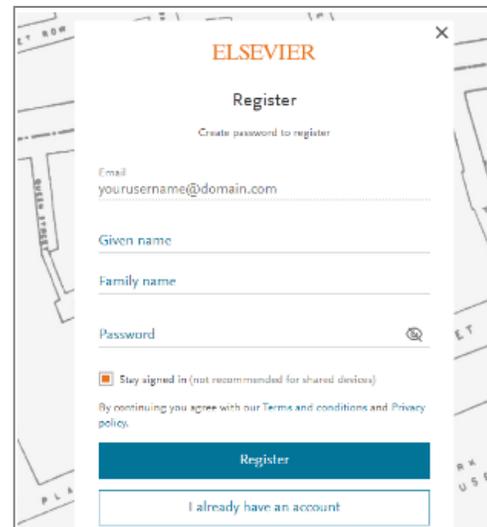
## 개인계정 설정방법

- 반출(export)기능 및 개인 검색 저장등 개인용 서비스를 원활히 사용할 수 있도록 embase의 개인계정이 없는 경우 사용자 프로필을 만들어 주세요.

- 1) [www.embase.com](http://www.embase.com) 접속
- 2) 오른쪽 상단 부분의 Sign In을 클릭합니다.
- 3) 반드시 기관 이메일 주소를 입력을 하고, Continue를 클릭합니다.



- 4) Register의 내용을 입력하고 Sign in시 이메일 주소와 비번을 이용합니다. 비밀번호는 대문자, 소문자, 특수기호가 들어가게 하여 최소 8문자 이상으로 설정합니다. Register를 마치고 Sign In을 하고 Embase를 활용합니다.



# 간편 검색 (Quick Search)

The screenshot shows the Embase Quick Search interface. At the top, there is a navigation bar with 'Search' highlighted and other options like 'Emtree', 'Journals', 'Results', 'My tools', 'Register', and 'Login'. Below this is a 'Quick Search' header with a 'Select Language' dropdown. The main search area includes a 'Quick search' input field (callout 1) and three filter fields: 'Journal name', 'Author name', and 'Author's first name' (callout 2). Each filter field has a dropdown arrow and a search icon. Below these is a '+ Add search field' button. The search results area shows 'Show 0 results >'. At the bottom, there is a 'Limit to:' section (callout 3) with checkboxes for 'Publication years (including):' (set to 2020 to 2020) and 'Records added to Embase (including end date):' (set to 1-1-2016 to 31-12-2016). To the right of this section is an 'Evidence Based Medicine' section with checkboxes for 'Cochrane Review', 'Systematic Review', 'Meta Analysis', 'Controlled Clinical Trial', and 'Randomized Controlled Trial'.

❶ 검색어 입력 (검색 창을 추가하여 여러 검색어 입력 및 연산자 조합 가능)

❷ 검색범위 설정

❸ 출판 년도를 입력하여 검색

# 간편 검색 (Quick Search)

Embase

Search Emtree Journals Results My tools Sign in

Quick Select Language

Quick PICO PV Wizard Medical device Advanced Drug Disease Device Citation information

Find articles by simple keyword search or build more complex queries

Search tips

1 Broad search e.g. 'heart attack' AND stress

2 OR Broad search e.g. 'heart attack' AND stress

3 + Add field Limit to Reset form

Show results

Display full query

① 검색어 입력

② 검색 연산자와 범위 설정

③ 검색 창을 추가하여 여러 검색어 입력

# 고급검색 (Advanced Search)

Quick PICO PV Wizard Medical device <sup>New</sup> Advanced Drug Disease Device Article Authors

e.g. 'cancer gene therapy'/exp OR ((treatment OR therapy) NEAR/5 fluorouracil):ab

Search >

Mapping ^

Date v

Sources v

Fields v

Quick limits v

EBM v

Pub. types v

Languages v

Gender v

Age v

Animal v

Search tips v

Embase mapping options

Clear page selections

Collapse

Map to preferred term in Emtree

Limit to terms indexed in article as 'major focus'

Search also as free text in all fields

Explode using narrower Emtree terms

Search as broadly as possible

1

## 1. Mapping ( 검색 범위 지정)

- Map to preferred term in Emtree :시소러스에서 자동으로 매칭되는 단어(동의어)를 찾아 검색
- Search also as free text: Index field와 하의어 뿐만 아니라, 제목, 초록에서도 해당 단어가 포함된 문헌 검색
- Explode using narrower Emtree terms: 해당 단어의 하의어, 파생어를 포함하여 검색
- Limit to terms indexed in article as "major focus":입력한 keyword가 article의 주요 주제인 문헌 검색
- search as broadly as possible: 동의어, 하의어 검색 및 (title, abstract, trade name 등과 같은) 나머지 필드에서도 검색

# 고급검색 (Advanced Search)

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

e.g. 'cancer gene therapy'/exp OR ((treatment OR therapy) NEAR/5 fluorouracil):ab

Search > Mapping Date Sources Fields **Quick limits** EBM Pub. types Languages Gender Age Animal Search tips

Quick limits Clear page selections Collapse

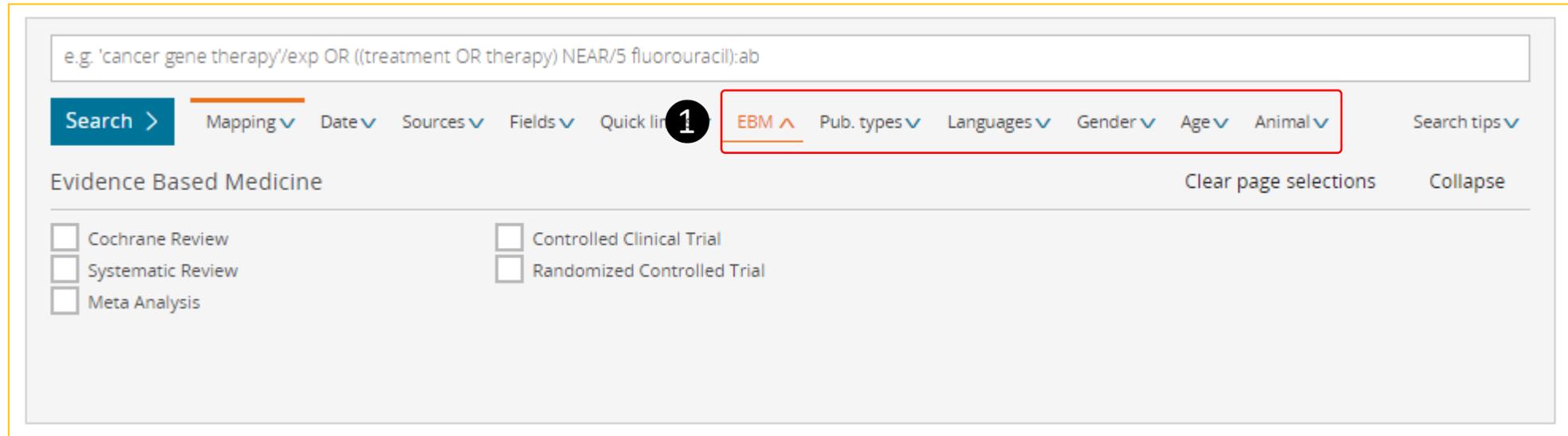
**1**

- Humans
- Animals
- Clinical studies
- With abstract
- Priority journals
- Only in English
- Article in Press
- In Process
- MEDLINE Article in Press
- MEDLINE In Process
- With molecular sequence number
- With clinical trial number

## 2. Quick Limits 지정

- Human:사람이 실험대상 또는,Tissue, cell 등이 사용된 문헌 검색
- Animals:동물이 실험 대상, 세포, tissue 등으로 사용된 문헌 검색
- With abstract:초록이 있는 문헌 검색
- Priority journals:동료 평가, 참고문헌 포함 등을 기준으로 정해진 우선 순위의 journal 검색
- Only in English:영어로 기입된 article 검색
- Article in Press:Article in Press 검색
- In Press:In Press검색
- With molecular sequence number: Molecular sequence number 정보 포함 문헌 검색
- With clinical trial number: Clinical trial number 정보 포함 문헌 검색
- Records added from to: Embase에 문헌이 추가된 날짜 지정 기본검색

# 고급검색 (Advanced Search)



- Evidence Based Medicine: Randomized Controlled Trial, Systemic Review 등
- Publication Types: Article, Article in Press 등
- Areas of Focus: 연구 분야
- Article Language: 언어
- Gender: Male/Female
- Age Groups: Embryo:first trimester 등
- Animal Study Types: Animal Cell, Animal Experiment 등

# 약물검색 (Drug Search)

The screenshot displays the 'Drug Search' interface. At the top, a navigation bar includes 'Quick', 'PICO', 'PV Wizard', 'Medical device', 'Advanced', 'Drug' (highlighted with a red box), 'Disease', 'Device', 'Article', and 'Authors'. Below this, a search bar contains the text 'e.g. 'low molecular weight heparin''. A 'Search >' button is located to the left of the search bar. To the right of the search bar, a series of filter options are listed: 'Mapping', 'Date', 'Sources', 'Drug fields', 'Drug subheadings' (highlighted with a red box and an upward arrow), 'Routes', 'Quick limits', 'EBM', 'Pub. types', 'Languages', and 'Search tips'. Below the search bar, a 'Subheadings' section is visible, featuring a list of checkboxes for various drug-related categories. The categories are arranged in three columns: 'Adverse drug reaction', 'Clinical trial', 'Drug administration', 'Drug analysis', 'Drug combination', 'Drug comparison', 'Drug concentration', 'Drug development', 'Drug dose', 'Drug interaction', 'Drug therapy', 'Drug toxicity', 'Endogenous compound', 'Pharmaceutics', 'Pharmacoeconomics', 'Pharmacokinetics', 'Pharmacology', 'Special situation for pharmacovigilance', and 'Unexpected outcome of drug treatment'. At the bottom of the subheadings section, there are radio buttons for 'OR' and 'AND'.

① 약물 키워드 입력 (Advanced Search와 동일하게 검색 범위를 지정할 수 있습니다.)

② 의약품 검색에 특화된 부제목, 투여경로, 검색필드를 활용하여 주요 검색을 진행합니다.

# 질병검색 (Disease Search)

Quick PICO PV Wizard Medical device <sup>New</sup> Advanced Drug **Disease** Device Article Authors

1 e.g. 'acute myeloblastic leukaemia'

Search > Mapping ▾ Date ▾ Sources ▾ Fields ▾ **Disease subheadings** ▲ Quick limits ▾ EBM ▾ Pub. types ▾ Languages ▾ Search tips ▾

2 Disease subheadings Clear page selections Collapse

<input type="checkbox"/> Complication	<input type="checkbox"/> Epidemiology	<input type="checkbox"/> Surgery
<input type="checkbox"/> Congenital disorder	<input type="checkbox"/> Etiology	<input type="checkbox"/> Therapy
<input type="checkbox"/> Diagnosis	<input type="checkbox"/> Prevention	
<input type="checkbox"/> Disease management	<input type="checkbox"/> Radiotherapy	
<input type="checkbox"/> Drug resistance	<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Drug therapy	<input type="checkbox"/> Side effect	

OR  AND

1 질병 키워드 입력

2 질병 검색에 특화된 부제를 활용하여, 치료, 진단, 예방, 부작용, 수술 등 주요 검색을 진행합니다.

# 의료장비검색 (Device Search)

The screenshot displays the 'Device Search' interface. At the top, a navigation bar includes options: Quick, PICO, PV Wizard, Medical device, <sup>New</sup> Advanced, Device, Article, and Authors. Below this is a search bar containing the text 'e.g. 'mydevice''. A 'Search >' button is located to the left of the search bar. Below the search bar, a filter panel titled 'Device subheadings' is visible. This panel includes a 'Clear page selections' button and a 'Collapse' button. The filter panel lists several subheadings with checkboxes: Adverse device effect, Device comparison, Device economics, and Clinical trial. Below these subheadings, there are radio buttons for 'OR' and 'AND' selection.

① 질병 키워드 입력

② 의료장비검색에 특화된 부제를 활용하여 부작용, 임상시험, 경쟁사 비교 등 주요 검색을 진행합니다.

# 문헌검색 (Article Search)

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

Article title \_\_\_\_\_

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

Journal title \_\_\_\_\_  Exact

Abbreviated journal title \_\_\_\_\_  Exact

Publication years 2010 2020  
1966 \_\_\_\_\_ 2020

DOI \_\_\_\_\_ CODEN \_\_\_\_\_ ISSN \_\_\_\_\_

Volume \_\_\_\_\_ Issue \_\_\_\_\_ First page \_\_\_\_\_

Show results

- 저자명, 저널명 등 문헌 관련 keyword를 입력하여 검색 합니다.



# Authors 검색

Quick PICO PV Wizard Medical device <sup>New</sup> Advanced Drug Disease Device Article **Authors**

Author last name e.g. Watson	Author first name e.g. John
Affiliation e.g. University of Toronto	First name initials e.g. H.
ORCID e.g. 1111-2222-3333-444x	Find author >

- First name, Last name, Affiliation, and ORCID\* 으로 검색 가능

# Emtree 검색

**Query Builder** ▼  
Build a multi-term search query

Find Term Browse by Facet

Type word or phrase (without quotes)

1 Neoplas

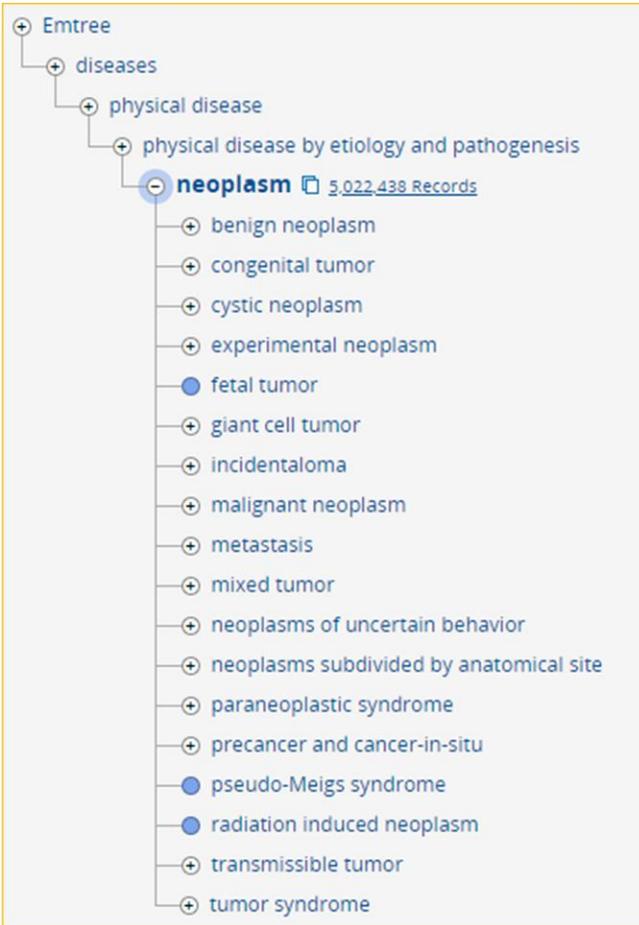
2

<input checked="" type="radio"/> neoplasm	5,022,438	Find Term >
<input checked="" type="radio"/> neoplasia use: neoplasm	5,022,438	

- 1 검색할 용어 입력
- 2 입력한 키워드와 맵핑된 우선어를 활용하여 검색

# Emtree 검색

1



2

**History**  
This term was added to Emtree in 1987

**Synonyms**  
acral tumor; acral tumour; neoplasia; neoplasms; neoplasms by histologic type; neoplasms, cystic, mucinous, and serous; neoplasms, embryonal and mixed; neoplasms, germ cell and embryonal; neoplasms, glandular and epithelial; neoplasms, hormone-dependent; neoplasms, post-traumatic; neoplastic disease; tumor; tumour

**Dorland's dictionary**  
cancer = a neoplastic disease the natural course of which is fatal. Cancer cells, unlike benign tumor cells, exhibit the properties of invasion and metastasis and are highly anaplastic. Cancer includes the two broad categories of carcinoma and sarcoma, but in normal usage it is often used synonymously with carcinoma.  
neoplasia = the formation of a neoplasm, i.e., the progressive multiplication of cells under conditions that would not elicit, or would cause cessation of, multiplication of normal cells.  
neoplasm = any new and abnormal growth; specifically a new growth of tissue in which the growth is uncontrolled and progressive (see neoplasia). Malignant neoplasms are distinguished from benign in that the former show a greater degree of anaplasia and have the properties of invasion and metastasis. Called also tumor.  
tumor = a new growth of tissue in which the multiplication of cells is uncontrolled and progressive; called also neoplasm.  
tumor = swelling, one of the cardinal signs of inflammation; morbid enlargement.  
Definition from *Dorland's Medical Dictionary*, 32nd edition, copyright © 2011 by Elsevier. For more information please go to [www.dorlands.com](http://www.dorlands.com)

① Neoplasm 클릭시, 선택한 단어를 포함한 Emtree 계층 구조 확인

② 선택한 단어가 Emtree에 추가된 시점, 동의어, CAS 번호, Dorland's dictionary 정보 확인

# Journal 검색

Search   Emtree   **Journals**   Results   My tools   Register   Login   (1)   ?

Titles covered in Embase by license with the U.S. NLM are not listed.

**A**   A   B   C   D   E   F   G   H   I   J   K   L   M   N   O   P   Q   R   S   T   U   V   W   X   Y   Z

**1** [A and A Case Reports](#) [about](#)

[AANA Journal](#) [about](#)

[AAOHN Journal](#) [about](#)

[AAP Grand Rounds](#) [about](#)

[AAPS Advances in the Pharmaceutical Sciences Series](#) [about](#)

[AAPS Journal](#) [about](#)

[AAPS PharmSci](#) [about](#)

[AAPS Pha](#) [about](#)

[Abdomin](#) [about](#)

[Abd](#) [about](#)

[Academic](#) [about](#)

[Academic](#) [about](#)

**2** **A and A Case Reports**

Search within this Journal | [About](#)

- Volume 9 (2017)
- Volume 8 (2017)
- Volume 7 (2016)
- Volume 6 (2016)
- Volume 5 (2015)
- Volume 4 (2015)
- Volume 3 (2014)
- Volume 2 (2014)
- Volume 1 (2013)

❶ Embase에 수록된 Journal 목록 확인 -> 특정 Journal 명 선택 -> Volume, Issue 각각 선택하여 해당되는 문헌 검색 결과 확인

❷ 저널 내에서 검색을 원할 경우 클릭하여 관련 키워드를 입력합니다.

# Results 검색

**Results Filters**  
+ Expand - Collapse all Apply

- Sources
- Drugs
- Diseases
- Devices
- Floating Subheadings
- Age
- Gender
- Study types
- Publication types
- Journal titles
- Publication years
- Authors
- Conference Abstracts
- Drug Trade Names
- Drug Manufacturers
- Device Trade Names
- Device Manufacturers

**History** Save | Delete | Print view | Export | Email Combine > using  And  Or ^ Collapse

<input type="checkbox"/> #3	'lifestyle modification'	39,486
<input type="checkbox"/> #2	'drug therapy'	4,549,708
<input type="checkbox"/> #1	'non insulin dependent diabetes mellitus'/exp OR 'non insulin dependent diabetes mellitus'	252,581

39,486 results for search #3 Set email alert Set RSS feed Search details Index miner

**Results** View | Print | Export | Email | Order | Add to Clipboard 1 - 25

Select number of items Selected: 0 (clear) Show all abstracts Sort by:  Relevance  Publication Year  Entry Date

<input type="checkbox"/> 1	Effect of a pulse-based diet and aerobic exercise on bone measures and body composition in women with polycystic ovary syndrome: A randomized controlled trial McBrearty L.E., Kazemi M., Chillbeck P.D., Gordon J.J., Chizen D.R., Zello G.A. [In Process] <i>Bone Reports</i> 2020 12 Article Number 100248 Embase Abstract Index Terms View Full Text Similar records >
<input type="checkbox"/> 2	The interaction effects of smoking and polycyclic aromatic hydrocarbons exposure on the prevalence of metabolic syndrome in coke oven workers Zhang B., Pan B., Zhao X., Fu Y., Li X., Yang A., Li Q., Dong J., Nie J., Yang J. <i>Chemosphere</i> 2020 247 Article Number 125880 Cited by: 0 Embase MEDLINE Abstract Index Terms View Full Text Similar records >
<input type="checkbox"/> 3	Prevalence and contributing risk factors for hypertension in urban and rural areas of Pakistan; a study from second National Diabetes Survey of Pakistan (NDSP) 2016-2017 Basil A., Tanveer S., Fawwad A., Naeem N. [In Process] <i>Clinical and Experimental Hypertension</i> 2020 42:3 (218-224) Cited by: 0 Embase MEDLINE Abstract Index Terms View Full Text Similar records >
<input type="checkbox"/> 4	Overlapping mechanisms linking insulin resistance with cognition and neuroprogression in bipolar disorder Cuperfain A.B., Kennedy J.L., Gonçalves V.F. <i>Neuroscience and Biobehavioral Reviews</i> 2020 111 (125-134) Cited by: 0 Embase MEDLINE Abstract Index Terms View Full Text Similar records >

1

2

1 History에 남아있는 쿼리를 활용하여 And 혹은 Or 조건으로 추가 검색 가능

2 검색 결과 저장 및 알람 설정



# PICO 검색

Quick

PICO

PV Wizard

Medical device

New

Advanced

Drug

Disease

Device

Article

Authors

- 별첨 가이드 참조

Build your search using the PICO framework

[Search tips >](#)

Default strategy: /exp [v](#)

Population e.g. diabetes

|

Intervention e.g. insulin



Comparison e.g. placebo



Outcome e.g. risk



Study design e.g. randomized controlled trial



[v](#) Limit to

[Reset form](#)

Show results

Display full query

Search terms in Emtree

- Emtree
  - anatomical concepts
  - biological functions
  - biomedical disciplines, science and art
  - chemical, physical and mathematical phenomena
  - chemicals and drugs
  - diseases
  - geographic names
  - groups by age and sex
  - health care concepts
  - named groups of persons
  - organisms
  - procedures, parameters and devices
  - society and environment
  - types of article or study



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# PV Wizard 검색

Quick PICO **PV Wizard** <sup>New</sup> Medical device Advanced Drug Disease Device Article Authors

Embase® Search ▾ Browse ▾ Results My tools ▾ Select Language ▾ Xuanyan Xu

Emtree

Find best term

- Emtree
  - anatomical concepts
  - biological functions
  - biomedical disciplines, science and art
  - chemical, physical and mathematical phenomena
  - chemicals and drugs
  - diseases
  - geographic names
  - groups by age and sex
  - health care concepts
  - named groups of persons
  - organisms
  - procedures, parameters and devices
  - society and environment
  - types of article or study

PV wizard

Search Five elements

Drug name Alternative drug names Adverse drug reactions Special situations Human limit

Drug name

e.g. Paracetamol Clear field

Edit Query

Subheadings

- Adverse drug reaction
- Drug toxicity
- Drug interaction
- Drug combination
- Drug comparison
- Drug therapy

Pre-filled subheadings

MLM Query

EMA's MLM searches >

- 별첨 가이드 참조

# 검색 결과 반출

1,864 results for search #2 | [Show all abstracts](#)

**Results** | View | Print | **Export** | Email | Order | Add to Clipboard

Export Data

Select number of items

Choose a format: **RIS format (Mendeley, EndNote)** Records selected: 10,001 - 12,691

Content:

- 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
- JP: Journal Title (full)
- JO: Journal Title
- KW: Keyword
- L2: DOI/full text link

- LA: Language of article
- M1: Author addresses
- M3: Publication type
- N2: Abstract (English)
- U1: Abstract (Non-English)
- SN: Serial number (ISSN/ISBN)
- SP: Start page
- T1: Title (English)
- T2: Title (Non-English)
- TY: Source type, Journal, Book, etc
- U2: Embase identification number (PUI)
- U3: AIP/IP entry date
- U4: Full record entry date
- UR: Web URL - Full record link to Embase
- VL: Volume
- Y1: Publication year

Select number of items

- Select number of items
- 100
- 500
- 5,000
- 1 - 10,000
- 10,001 - 20,000
- 20,001 - 30,000
- 30,001 - 39,486
- 40,001 - 50,000
- 50,001 - 60,000

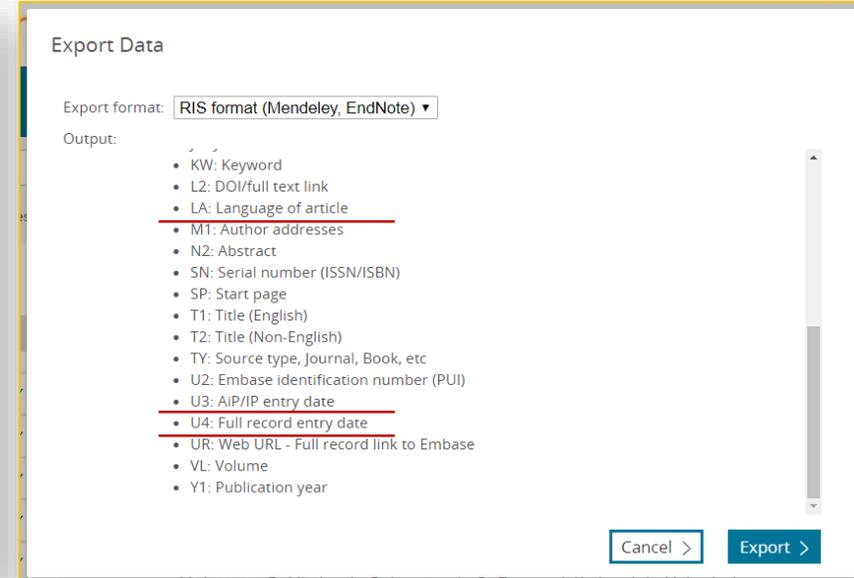
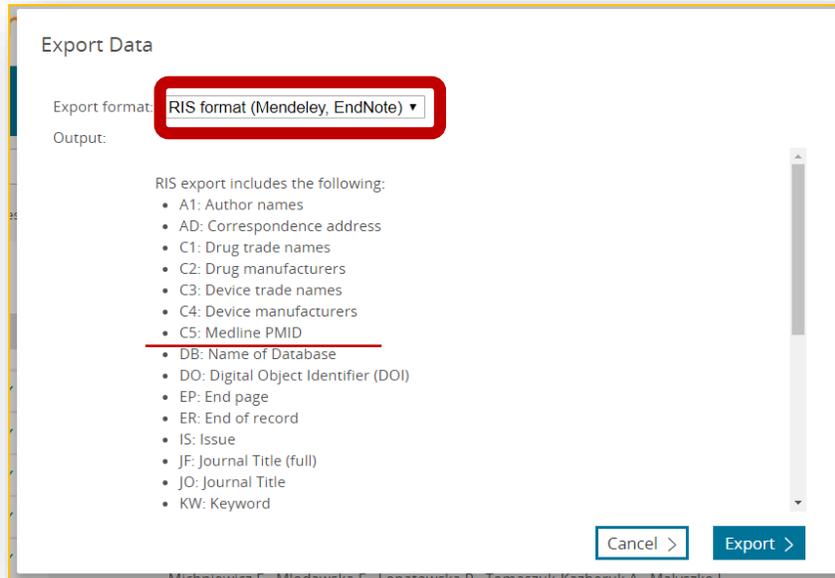
Save export preferences > Cancel > Export >

*Current Opinion in Pharmacology* 2016 28 (8-13)  
Embase [Abstract](#) [Index Terms](#) [View Full Text](#)

A prospective, randomized, double blind, placebo-controlled evaluation of the effects of eicosapentaenoic acid on erythrocyte membrane polyunsaturated fatty acid concentrations in dogs with osteoarthritis  
Mehler S.J., May L.R., King C., Harris W.S., Shah Z.  
*Prostaglandins Leukotrienes and Essential Fatty Acids* 2016 109 (1-7)  
Embase [Abstract](#) [Index Terms](#) [View Full Text](#)

- 10,000건 까지 선택 내보내기 가능
- 10,000건 이상인 경우 10,000건 씩 순차적으로 내보내기 진행

# 검색 결과 반출



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<input type="checkbox"/>	Your Query	Name	Last Update	Creation Date	Results
<input checked="" type="checkbox"/>	#4 #3 AND ('adverse drug reaction'/lnk OR 'drug toxicity'/lnk OR 'side effect'/lnk) AND ([adolescent]/lrm OR [school]/lrm)	Genotropin_side effect	2016-05-16	2016-05-16	212
<input type="checkbox"/>	#3 'human growth hormone'/exp/dd_cm,dd_ae,dd_to	Genotropin_side effect	2016-05-16	2016-05-16	1078
<input type="checkbox"/>	#2 #1 AND ('adverse drug reaction'/lnk OR 'drug toxicity'/lnk OR 'side effect'/lnk)	Genotropin_side effect	2016-05-16	2016-05-16	946
<input type="checkbox"/>	#1 'human growth hormone'/exp/dd_cm,dd_ae,dd_to	Genotropin_side effect	2016-05-16	2016-05-16	1078

Thank you

