



















Agenda

認識主題詞:MeSH & Emtree

查詢基本功

- 查詢模組: Basic Search & Advanced Search
- 檢索工具: 合併檢索與切截
- 限制篩選功能: Limits
- 匯出檢索結果及取得全文
- 設定新知通知

檢索密技

實用小工具



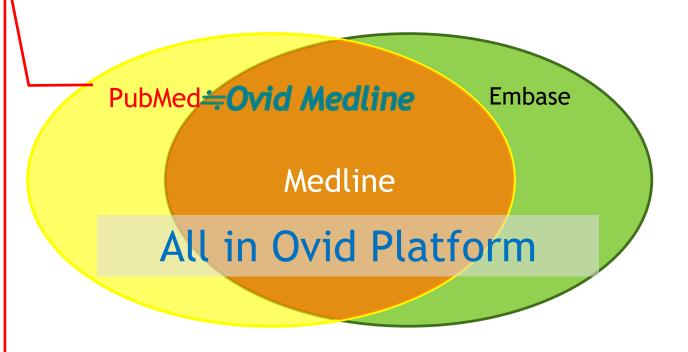
Medline Vs Embase

	Medline	EMBASE
主題	生命科學、 廣泛的醫學主題包 括基礎及臨床醫學、 護理學、牙科學 等	擅長於 Drugs- Pharmacology and Pharmaceutics - Conferences
收錄筆數	2400萬+	3100萬+
收錄期刊數	5600+	8500+
年代	1946(1902)~至今	1947(1908)~至今
主題	MeSH	Emtree



PubMed vs. Medline vs. Embase

- 26 million references
- Include
 - MEDLINE database
 - In-process or pre-MEDLINE citations
 - Out-of-scope articles from MEDLINE journals (e.g. plate tectonics)
 - Books on NCBI Bookshelf
 - Citations to some PubMed Central journals





Advantages of searching Ovid



- Search multiple databases on one platform
- Keyword searching using multipurpose field (.mp)
- Default phrase searching ("oncology pain treatment" not oncology AND pain AND treatment)
- Clinical Queries (McMaster University)
- Special Ovid Filters for Embase / Medline
- Ovid Search Builder & PICO widget
- Expert Searches
- Personal Accounts with My Projects, AutoAlerts and Saved Searches
- Customisable interface



Embase®

Subject Heading 主題詞 in Embase and MEDLINE

EMTree: > 73,000 Subject Headings

> 310,000 synonyms

https://www.elsevier.com/solutions/embase-biomedical-research/embase-coverage-and-content

MeSH Headings: > 27,883 Subject Headings

> 87,000 synonyms

https://www.nlm.nih.gov/pubs/factsheets/mesh.html

Emtree was modelled on MeSH in 1988

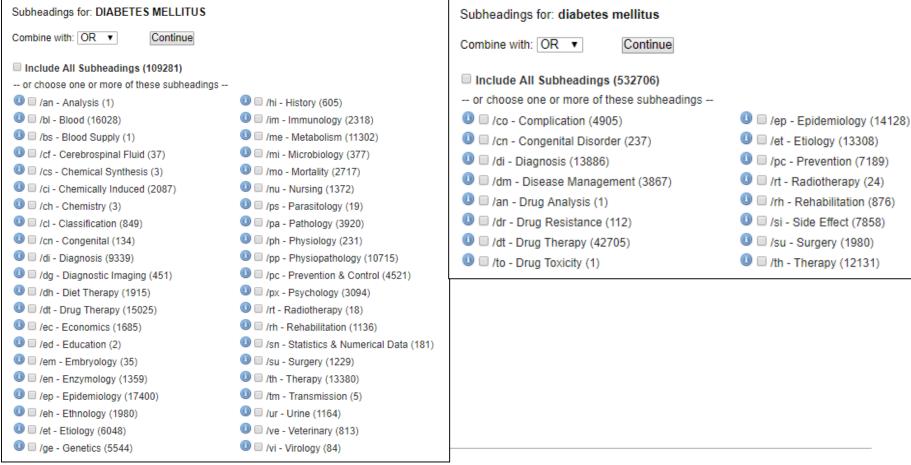
http://supportcontent.elsevier.com/Support%20Hub/Embase/Files%20&%20Attachements/4685-Embase_White%20Paper_Comparison%20of%20Emtree%20and%20MeSH_July%202015.pdf



主題方向不同: SubHeading

以疾病為例:

Medline EMbase





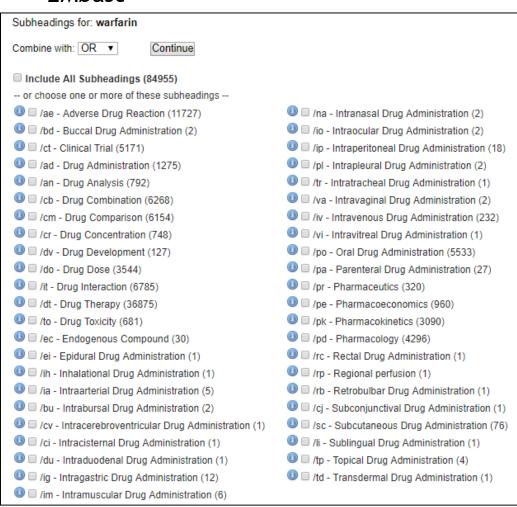
主題方向不同: SubHeading

以藥物為例:

Medline

Subheadings for: WARFARIN Combine with: OR ▼ Continue Include All Subheadings (17997) -- or choose one or more of these subheadings --Image: Image: Im - Immunology (10) Image: Ip - Isolation & Purification (50) (2) Image: Im Ime - Metabolism (860) Image: (142) Image: Inhibitors (186) Image: tu - Therapeutic Use (8495) Image: Ur - Urine (50) Image: Index of the control of th

EMbase





Coverage of MEDLINE in Embase



Medline	EMBASE
Benzazepines / ad [Administration & Dosage]	benzazepine derivative / ad [Drug Administration]
Benzazepines / ae [Adverse Effects]	benzazepine derivative / ae [Adverse Drug Reaction]
European Union / sn [Statistics & Numerical Data]	European Union
	statistics
Humans	human
Smoking Cessation / lj [Legislation & Jurisprudence]	*smoking cessation
*Smoking Cessation / mt [Methods]	legal aspect
	methodology
*Tobacco Smoke Pollution / ae [Adverse Effects]	*passive smoking / ae [Adverse Drug Reaction]
*Tobacco Smoke Pollution / pc [Prevention & Control]	*passive smoking / pc [Prevention]
	varenicline
	article



MEDLINE and/or Embase?

查詢Embase的適當時機?

- 1. 當檢索完整性很重要時
 - Systematic review
 - PhD thesis
 - Health Technology Assessment
 - Drug industry
- 2. 當Medline找不到資料或資料很少時

如何在最少時間內在Embase獲得相關資訊?



Ovid Embase

- 查詢藥物及醫療設備
 - Drug & Device trade name
 - Drug & Device manufacturer
 - CAS registry number
- 重要篩選項目
 - 藥物發展或臨床試驗期程
 - 篩選會議論文資料
- 連結訂購及免費全文
- 提供自然語言查詢-日常英文也通





Ovid 的查詢模式

OVID

Basic Search

- ●最直覺的搜尋方式
- ●快速取得關聯度最高 文獻
- ●輕鬆篩選年代及全文

Advanced Search

- ●最嚴謹的搜尋方式
- ●詳細比對醫學標題詞
- ●取得最完整的文獻資料

特定欄位搜尋

- Find Citation
- Search Fields
- Multi-Field Search

Search Tools

- ●標題詞的延伸應用
- ●尋找標題詞的定義
- ●比對標題詞





Basic Search: 可快速查詢高關聯度文獻

範例:2015年至今有關statin與預防老人心臟病發的全文文獻

Basic Search | Find Citation | Search Tools | Search Fields | Advanced Search | Multi-Field Search

- 1 Resource selected | Hide | Change
- Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present
- statin for heart attack prevention

Search



- Limits (expand)
- □ Include Multimedia
 ✓ Include Related Terms
- 查詢方式:輸入所有查詢內容
 - 輸入所有的關鍵字
 - 一個完整的句子
 - 複製某篇文章的篇名

- 自然語言智慧搜尋(Include Related Terms)
 - 同義之字/詞/片語查詢
 - 單複數與詞性變化形查詢
 - 英美語系之異體字杳詢
 - 專業縮寫/全寫查詢
 - 可對應之標題詞查詢



Search Example: treatment of schizophrenia with Risperidone



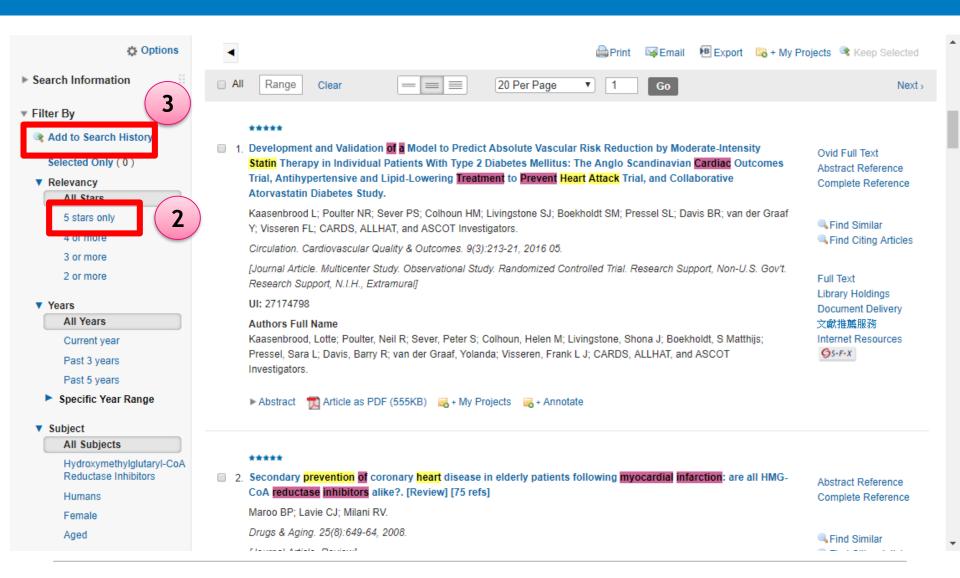
Basic Search: 依關聯度排序檢索結果







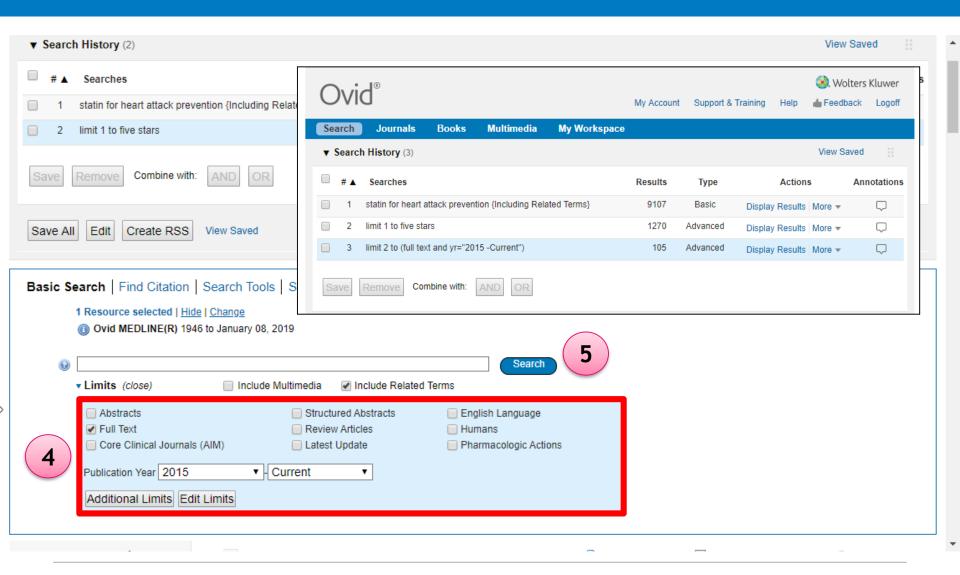
Basic Search: 提供結果分析







Basic Search: 利用Limit快速篩選







Advanced Search: Mapping 提供精準文獻查詢

Basic Search Find	Citation Search Tools Search Fields Advanced Search Multi-Field Search	
① Ovid ME	selected <u>Hide</u> <u>Change</u> DLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid) 1946 to Present	
Enter keyword or phrase (* or \$ for	Keyword	
truncation)	► Limits	

- 查詢方式:
 - Keyword:
 - 主題詞自動比對(Map Term to Subject Heading):提高查詢精確度 (單一資料庫)
 - 關鍵字查詢:查詢所有文字欄位

- Author:以作者查詢
- Title:查詢題名關鍵字
- Journal:查詢期刊名,不可使用縮 寫



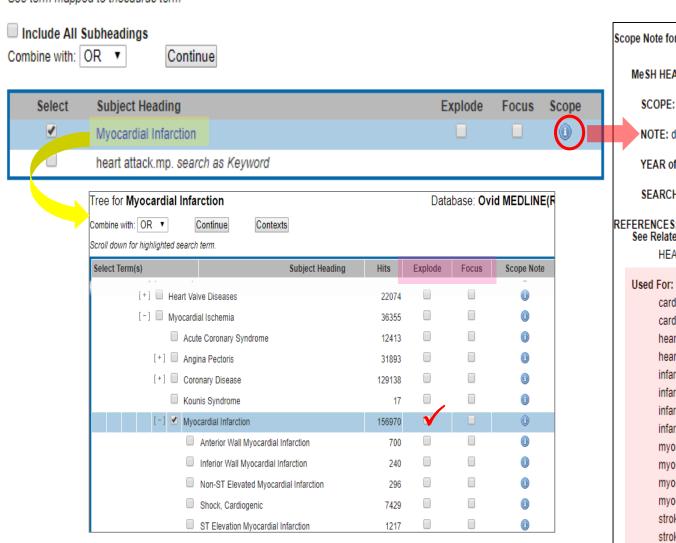


Advanced Search: 自動比對適合的MeSH標題

Your term mapped to the following Subject Headings:

Click on a subject heading to view more general and more specific terms within the tree.

See term mapped to thesaurus term



Scope Note for: Myocardial Infarction

MeSH HEADING: MYOCARDIAL INFARCTION

SCOPE: NECROSIS of the MYOCARDIUM caused by an obstruction of the blo

NOTE: do not coordinate with ACUTE DISEASE for "acute infarct"

YEAR of ENTRY: 79; was MYOCARDIAL INFARCT 1963-78

SEARCH NOTE: use MYOCARDIAL INFARCTION to search MYOCARDIAL IN

REFERENCES:
See Related:
HEART RUPTURE. POST-INFARCTION

cardiovascular stroke

cardiovascular strokes

infarct, myocardial

infarction, myocardial

infarctions, myocardial

infarcts, myocardial

myocardial infarction

myocardial infarctions

stroke, cardiovascular

strokes, cardiovascular

myocardial infarcts

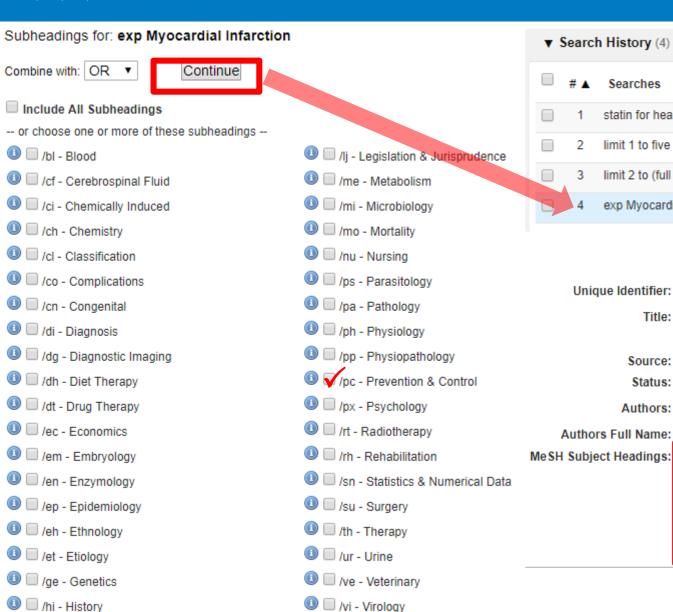
myocardial infarct

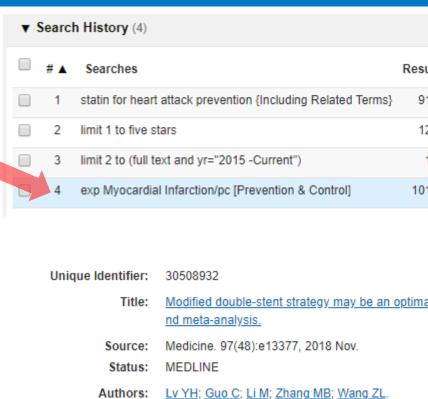
heart attack heart attacks



Im - Immunology

Advanced Search: 選擇適合的副標題(研究方向), 得到精確檢





Humans

*Stents

Lv. Yong-Hui; Guo, Chen; Li, Min; Zhang, Ming-Bo

Myocardial Infarction / pc [Prevention & Control]

*Percutaneous Coronary Intervention / mt [Metho

*Coronary Artery Disease / su [Surgery]

Randomized Controlled Trials as Topic

Authors Full Name:

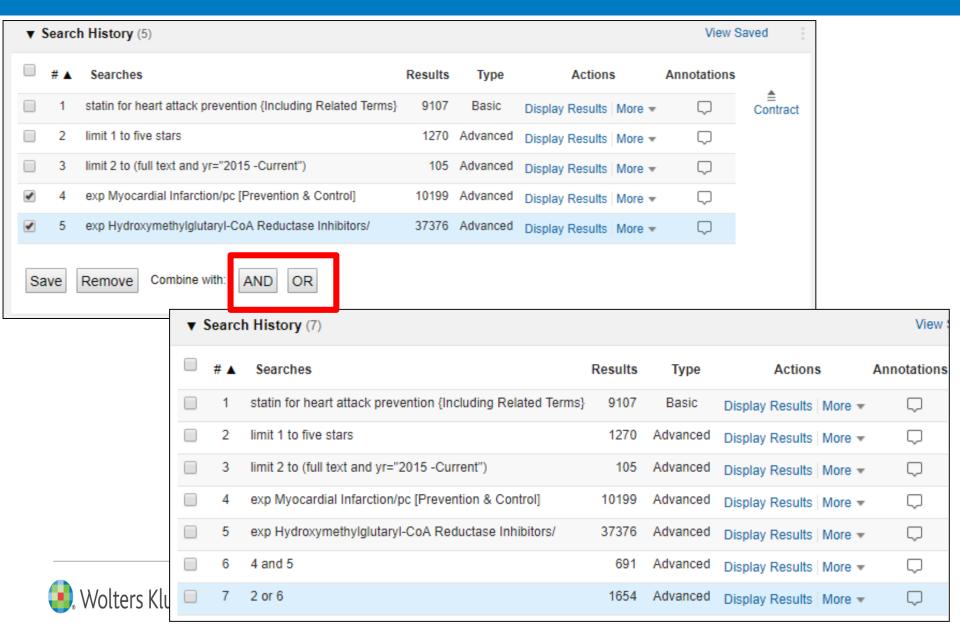
檢索小工具

- 合併檢索
 - AND
 - OR
 - NOT
 - ADJ# ADJ6 within six words Truncation
- 切截字:\$或*
 - 無限制切截查詢:
 - depress\$→depress, depressive, depressants, depressor.....
 - rat\$→rat , rate, rationalize, ratify......
 - 有限制切截查詢:
 - dog\$1 →dog, dogs... (但是不會查dogma)
- 萬用字元:#和?
 - wom#n →woman \ women
 - dog# → dogs (但是不會查到dog)
 - colo?r → color, colour
 - $dog? \rightarrow dog, dogs$



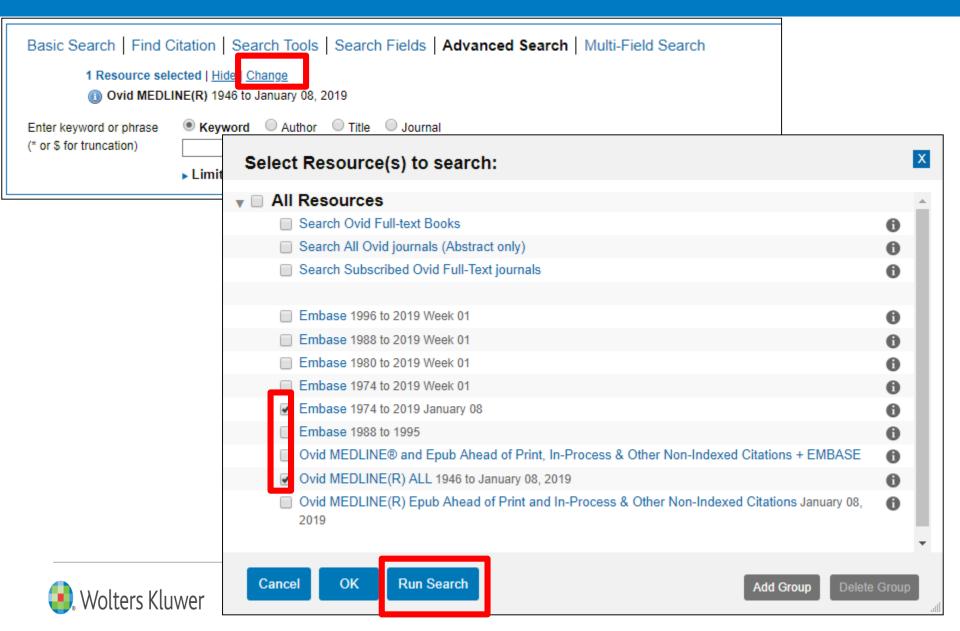


合併檢索結果





使用同樣檢索策略同時查詢



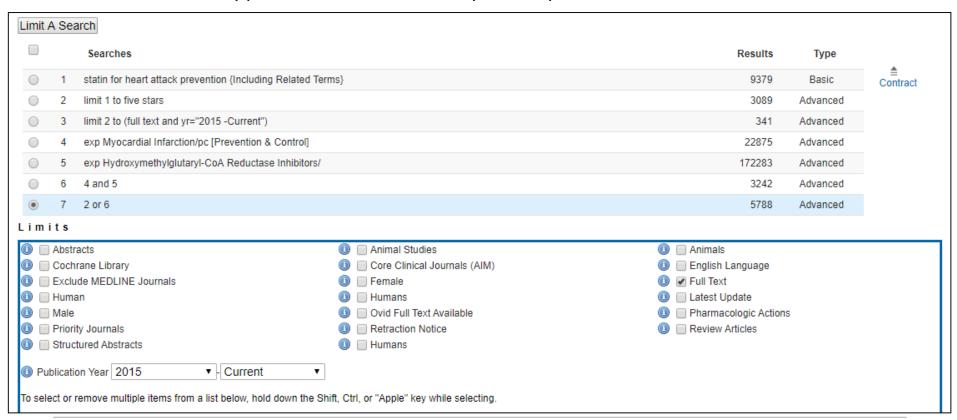


獲得多資料庫查詢結果

▼ Searcl	h History (7)						View
# 🛦	Searches			Results	Туре	Actions	Annotations
1	statin for heart attack	prevention (Including Re	lated Terms}	9379	Basic	Display Results More ▼	\Box
2	▶ limit 1 to five stars			3089	Advanced	Display Results More ▼	\Box
3	▶ limit 2 to (full text and	l yr="2015 -Current")		341	Advanced	Display Results More ▼	\Box
4	exp Myocardial Infaro	ction/pc [Prevention & Cor	ntrol]	22875	Advanced	Display Results More ▼	\Box
5	exp Hydroxymethylgl	utaryl-CoA Reductase Inh	nibitors/	172283	Advanced	Display Results More ▼	\Box
6	▶ 4 and 5			3242	Advanced	Display Results More ▼	\Box
7	2 or 6 Ovid MEDLINE Embase <1974	(R) ALL <1946 to January	08, 2019>	5788 1756	Advanced	Display Results More ▼	\Box
Basic Search Find Citation Search Tools Search Fields Advanced Search Multi-Field Search 2 Resources selected Hide Change 3 Embase 1974 to 2019 January 08, 3 Ovid MEDLINE(R) ALL 1946 to January 08, 2019							
Enter keyword or phrase (* or \$ for truncation)							
▼ Limits (close)						Include Multimedia	
			AbstractsEnglish LangLatest UpdaStructured A	ite	Ful	armacologic Actions	Core Clinical Human Review Articl
• Wo	olters Kluwer		Publication Yea		▼	▼	

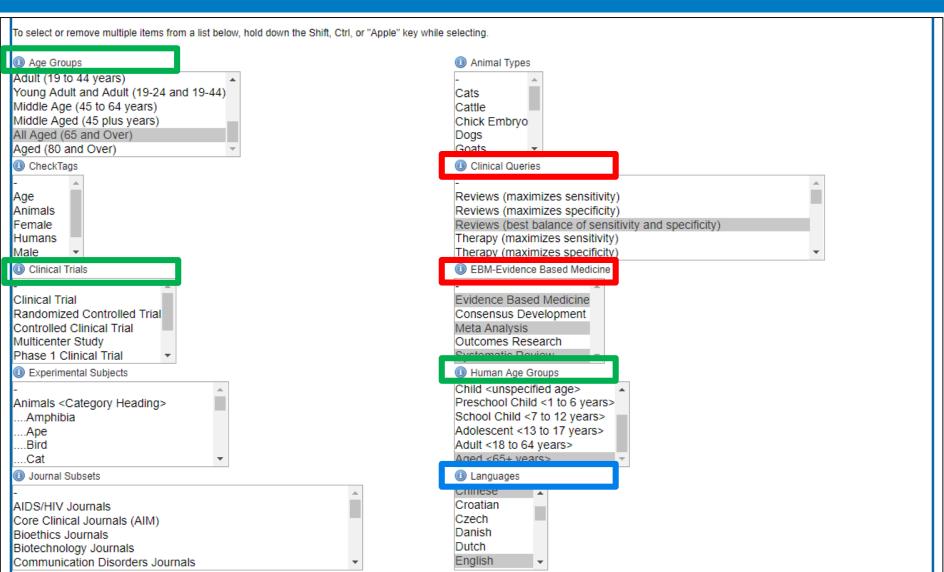


- •複選Limit選項:按著鍵盤Ctrl不放再點選其他項目
- •實證醫學常用項目
 - •Publication Types:如Meta Analysis、Systematic Reviews、RCT...



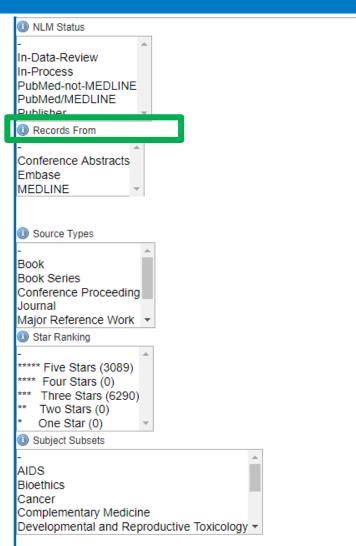


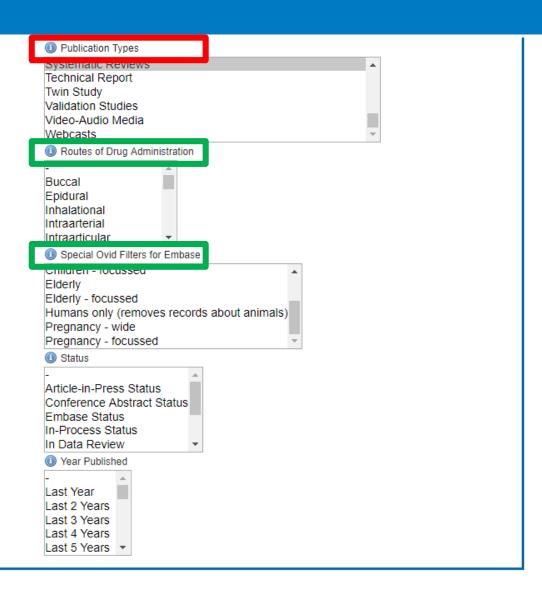












Limit A Search



去除重複結果 (6000筆以内)

	# 🛦	Searches	Results	Туре	Actions	Annotations
	1	▶ statin for heart attack prevention {Including Related Terms}	9379	Basic	Display Results More ▼	\Box
	2	▶ limit 1 to five stars	3089	Advanced	Display Results More ▼	\Box
	3	▶ limit 2 to (full text and yr="2015 -Current")	341	Advanced	Display Results More ▼	\Box
	4	► exp Myocardial Infarction/pc [Prevention & Control]	22875	Advanced	Display Results More ▼	\Box
	5	► exp Hydroxymethylglutaryl-CoA Reductase Inhibitors/	172283	Advanced	Display Results More ▼	\Box
	6	▶ 4 and 5	3242	Advanced	Display Results More ▼	\Box
	7	▶ 2 or 6	5788	Advanced	Display Results More ▼	\Box
	8	▶ limit 7 to "all aged (65 and over)" [Limit not valid in Embase; records were retained]	4745	Advanced	Display Results More ▼	\Box
	9	▶ limit 8 to "reviews (best balance of sensitivity and specificity)"	1457	Advanced	Display Results More ▼	\Box
	10	▶ limit 9 to (evidence based medicine or meta analysis or "systematic review") [Limit not valid in Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were retained]) 446	Advanced	Display Results More ▼	\Box
	11	▶ limit 10 to full text	152	Advanced	Display Results More ▼	\Box
	12	► limit 11 to aged <65+ years> [Limit not valid in Ovid MEDLINE(R), Ovid MEDLINE(R) Daily Update, Ovid MEDLINE(R) In-Process, Ovid MEDLINE(R) Publisher; records were retained]	21	Advanced	Display Results More ▼	\Box
	13	▶ limit 12 to (chinese or english)	21	Advanced	Display Results More ▼	\Box
	14	limit 13 to (meta analysis or randomized controlled trial or systematic reviews) [Limit not valid in Embase; records were retained]	21	Advanced	Display Results More ▼	\Box
	15	limit 14 to yr="2015 -Current" Embase <1974 to 2019 January 08> Ovid MEDLINE(R) ALL <1946 to January 08, 2019>	5 1 4	Advanced	Display Results More ▼	\Box
	16	▶ remove duplicates from 15	5	Advanced	Display Results More ▼	\Box
Sa	ve	Remove Combine with: AND OR	Deduplicate			





MEDLINE record

Unique Identifier	<mark>28064321</mark>		
Status	MEDLINE		
Authors	Gorshkova EA; Nedospasov SA; Shilov ES.		
Title	[Evolutionary plasticity of IL-6 cytokine family]. [Russian]		
Source	Molekuliarnaia Biologiia. 50(6):1039-1048, 2016 Nov-Dec.		
MeSH Subject Headings	Animals Dogs *Evolution, Molecular Humans *Interleukin-6 / ge [Genetics] Interleukin-6 / im [Immunology] Mice *Multigene Family / ph [Physiology]		

Keyword Heading	*IL-6 family
	*cell signaling
	*cytokines
	*evolutionary conservation
	*interleukin-6
	*population polymorphism

Keyword Headings are author's keywords

Abstract

The IL-6 family of cytokines includes a variety of proteins the other organs, tissues, and types of cells, including neurons





Embase record (Embase "pure")

Accession

Number 614670124

Status EMBASE

Author Dedov I.I.; Kontsevaya A.V.; Shestakova M.V.; Belousov Y.B.; Balanova J.A.;

Khudyakov M.B.; Karpov O.I.

Title Economic evaluation of type 2 diabetes mellitus burden and its main

cardiovascular complications in the Russian Federation.

Source Diabetes Mellitus, 19 (6) (pp 518-527), 2016, Date of Publication; 2016.

Subject Headings

article

calculation

*cardiovascular disease / co [Complication]

cardiovascular mortality

cerebrovascular accident / co [Complication]

controlled study

*economic evaluation

health care cost

heart infarction I co [Complication]

human

ischemic heart disease / co [Complication]

*non insulin dependent diabetes mellitus

Russian Federation

hemoglobin A1c / ec [Endogenous Compound]

Language Russian

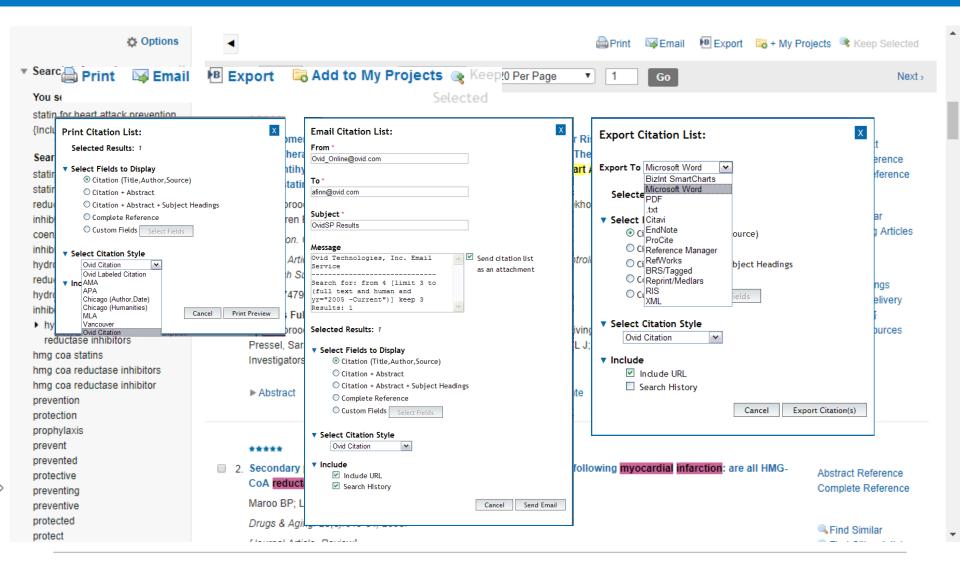
Copyright Copyright 2017 Elsevier B.V., All rights reserved.

Indexed by Elsevier indexers

Embase record from Accession Number 611937034 **PMID** 26624562 [http://www.ncbi.nlm.nih.gov/pubm...]. **MEDLINE** supplement Printz C. Author Regular coffee consumption may improve survival in patients with colon cancer. Title Source Cancer. 121 (23) (pp 4102-4103), 2015. Date of Publication: 01 Dec 2015. **Subject Headings** breast cancer caloric intake Cancer, 2015 Dec 1;121(23):4102-3, doi: 10.1002/cncr.28990. cancer recurrence Regular coffee consumption may improve survival in patients with colon cancer. cancer risk cancer staging Printz C. *cancer survival PMID: 26624562 DOI: 10.1002/cncr.28990 chemistry coffee [PubMed - indexed for MEDLINE] Free full text *colon cancer Q+ Colorectal Neoplasms / th [*food intake human MeSH Terms, Substances insulin sensitivity MeSH Terms liver cancer Caffeine/administration & dosage* low risk population Original MeSH Terms Coffee/chemistry melanoma Colorectal Neoplasms/mortality* *mortality Colorectal Neoplasms/pathology non insulin dependent diabe Colorectal Neoplasms/therapy note Humans Neoplasm Recurrence, Local/prevention & control* obesity <u>Prognosis</u> pathology Survival Analysis postmenopause *prevention and control priority journal Translated MeSH Terms, by Elsevier prognosis prostate cancer sedentary lifestyle http://onlinelibrary.wiley.com/doi/10.1002/cncr.28990/pdf sugar intake survival analysis り標題是否適用?見仁見智! tumor recurrence caffeine / ad [Drug Administration] 31 Copyright Copyright 2016 Medline is the source for the citation and abstract of this record.



Output – Print/Email/Export







Links to Full-Text

- Two Types:
- Ovid Full Text Journals@Ovid Subscriptions
- Full Text External full text both free or subscribed
- Complete Reference
- Ovid Full Text
- Full Text









建立最新文獻主動通知

▼ :	Searc	h History (16)				View
	# 🛦	Searches	Results	Туре	Actions	Annotations
	13	▶ limit 12 to (chinese or english)	21	Advanced	Display Results More ▼	\Box
	14	▶ limit 13 to (meta analysis or randomized controlled trial or systematic reviews) [Limit not valid in Embase; records were retained]	21	Advanced	Display Results More ▼	\Box
	15	limit 14 to yr="2015 -Current" <u>Embase <1974 to 2019 January 08></u> <u>Ovid MEDLINE(R) ALL <1946 to January 08, 2019></u>	5 1 4	Advanced	Display Results More ▼	\Box
	16	remove duplicates from 15	5	Advanced	Display Results More ▼	\Box
Sa	ave	Remove Combine with: AND OR	Deduplicate		Save Edit	
Sa	ave All	Edit Create RSS View Saved			Create Auto-Ale Create RSS Remove	ert s



設定主動通知頻率與方式

Search Name statin MI	Comment (Optional)	Type AutoAlert (SDI) ▼	Save
AutoAlert Options	, i		
Scheduling Options On Database Update[?] Quarterly Monthly - on day 1 • Every other week - on Mond Weekly - on Monday		Deduping 90 I	Options Days ▼
Delivery Options Email RSS My Projects Email RSS	My Projects		
Recipient's Email Address: sha	s with commas. Do not use any spaces be aoti@flysheet.com.tw id Results	tween the addresses.	
Email Options Inline As an Attachment (Ovid Result Format only)		ASCII	(Ovid Result Format only)
☐ Include Strategy			

檢索密技

- ■查找會議文獻
- Search Fields:特定欄位查詢



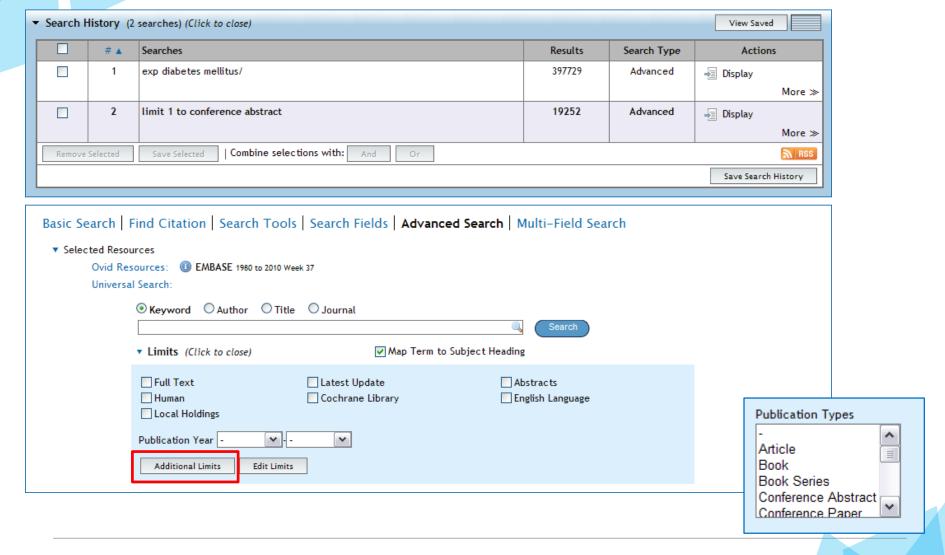
Conference Abstracts

- Conference abstracts are available before the full proceedings get published (and many citations never get published at all). Using Conference Abstracts, your users can stay ahead of the most current research to track competitors, identify collaborators, and make sure they have access to the latest developments.
- Coverage begins in 2009, for over 250 conferences, with more than 60,000 conference abstracts added each year.
- Conferences published in more than 2800 key drug & clinical journals are included.
- Unique features:

Every conference is summarized by a searchable review record All conference abstract records include searchable online abstracts All conference abstracts & reviews are indexed with Emtree terms Conference name, date and location are also searchable



Search & Limit to Conference Abstracts





Conference Abstracts

. Abstract Reference Accession Number 70167283 Document Delivery Authors

Institution (Ali, Pontello, Mehta, Darko, McHardy-Young) Central Middlesex Hospital, London, United Kingdom

(Ali) Charing Cross Hospital, London, United Kingdom

Ali S. Pontello L. Mehta S. Darko D. McHardy-Young S.

Correspondence Address 5. Ali, Central Middlesex Hospital, London, United Kingdom Original Title Radioactive-iodine therapy: A patient satisfaction survey.

Endocrine Abstracts. Conference: Society for Endocrinology, British Endocrine Societies, BES 2010 Manchester United Kingdom. Source

Conference Start: 20100315 Conference End: 20100318. Conference Publication: (var.pagings). 21 (pp P384), 2010. Date of

Publication: 2010.

Publisher BioScientifica

Subject Headings

http://www.endocrine-abstracts.org/ea/0021/ea0021p384.htm

society *therapy patient satisfaction

*endocrinology

*health care organizatio

patient

hyperthyroidism thyroid gland Internet follow up education thyroid disease diabetes mellitus euthyroidism

hypothyroidism radiation safety diagnosis heart disease long term care satisfaction

*radioactive iodine thyroxine

Abstract

ISSN

Radioactive iodine (RAI) therapy is the usual treatment of choice for hyperthyroidism. We have demonstrated a success rate of 88% (euthyroidism or hypothyroidism) over a 5-year period. We are very happy to recommend RAI, however patients still express concerns. There is little literature available about patients' reactions to RAI: to our knowledge, only two studies. We performed a survey of our RAI treated patients. Of 143 patients contacted, 87 replied (60,8%), In addition to verbal information, 43 (49,4%) recalled receiving written information; 42 of whom (97.7%) were happy with this information and found it easy to understand. Fifteen used the internet; 73.3% finding this useful. Using this information (verbal, written or internet), 76 patients (87.4%) were aware of why RAI had been suggested for their treatment. Approximately 70% of patients reported awareness of the radiation and safety aspects of RAI. Eighty-one patients (93.1%) found the treatment process easy with few difficulties reported. Overall, 76 of 87 patients (87.4%) were satisfied with their RAI treatment and management. There was a noticeable lack of patient knowledge of their thyroid condition; only 68 patients (78.2%) were aware of their original diagnosis and need for treatment. Only 52 patients (59.8%) were clear about complications of hyperthyroidism, particularly heart disease. Only 59 patients (67.8%) were aware of possible outcomes and 54 (62.0%) aware of a possible need for long-term therapy following RAI. Sixty-one patients (70.1%) knew that thyroxine was life-long treatment; however, of those treated with thyroxine such knowledge was better (85.2%). Our results show general satisfaction with treatment and follow-up arrangements. However, there was a surprising lack of knowledge by patients of their original thyroid condition, complications and an understanding of thyroxine replacement. Provision of structured education for thyroid disease, as in diabetes, may help address this problem.

· Bibliographic Links

1470-3947

English Language Summary Language English

Publication Type Journal: Conference Abstract

Entry Week 200900 Date Delivered 20100615 Year of Publication

Copyright 2010 Elsevier B.V., All rights reserved. Copyright





Conference Abstracts with Links

1. Transgenic strategies to overcome cell-mediated and acute vascular rejection of pig-to-human xenografts.>

Klymiuk N., Kesler B., Kurome M., Wuensch A., Wolf E.

Xenotransplantation, Conference: Berlin Symposium on Xenotransplantation Berlin Germany, Conference Start: 20090604 Conference End: 20090605. Conference Publication: (var.pagings). 17 (2) (pp 106-107), 2010. Date of Publication: March-April

[Journal: Conference Abstract]

View Abstract

- Ovid Full Text
- Abstract Reference
- · Complete Reference
- · Bibliographic Links

Wolters Kluwer Publisher Blackwell Publishing Ltd

OvidSP

My Account | My PayPerView | 8 Ask the Librarian

Article Tools

Article as PDF (79KB)

Search

Iournals Books My Workspace

External Links

Xenotransplantation

Issue: Volume 17(2), March/April 2010, p 106-107 Copyright: Copyright @ 2010 Blackwell Publishing Ltd.

Publication Type: [Berlin Symposium on Xenotransplantation-Program and Abstracts]

DOI: 10.1111/j.1399-3089.2010.00573.x

ISSN: 0908-665X

Accession: 70163024

Keywords: human, swine, Germany, acute vascular rejection, xenograft, xenotransplantation, natural killer cell, endothelium cell, gene, perfusion, heart, transgenic pig, expression vector, promoter region, T lymphocyte, blood, primate, transplantation, model, fibroblast, protection, cell mediated cytotoxicity, kidney, diabetes mellitus, mouse, cell nucleus transplantation, embryo, recipient, pregnancy, polyadenylation, DNA flanking region, ex vivo study, lymphoblast, secretion, transgene, cloning, lysis, T lymphocyte activation, graft survival, immunocompetent cell, antibody production, cell proliferation, survival, rabbit, plantation, hyperacute graft rejection, heavy chain, progeny, pancreas, pancreas islet, immune system, blood vessel, blood clotting, in vitro study, cell clone, tissue, piglet, genomic fragment, immunohistochemistry, cytotoxic T lymphocyte antigen 4, belatacept, abatacept, galactose, signal peptide, neomycin, membrane cofactor protein, antibody, hybrid protein, epitope, regulator protein, galactosyltransferase, thrombomodulin, growth hormone, peptide, receptor

[Berlin Symposium on Xenotransplantation-Program and Abstracts]

Transgenic strategies to overcome cell-mediated and acute vascular rejection of pig-to-human xenografts

Klymiuk, N.; Keler, B.ß; Kurome, M.; Wuensch, A.; Wolf, E.

Author Information

Molecular Animal Breeding and Biotechnology and Laboratory for Functional Genome Analysis (LAFUGA), Gene Center, Ludwig -Maximilians-Universität München, Germany

The development of [alpha](1,3)-galactosyltransferase deficient pigs along with overexpression of complement regulatory proteins was an important step to overcome hyperacute rejection of pig organs transplanted into primates. However, the lack of galactose-[alpha](1,3)-galactose ([alpha]Gal) epitopes does not protect against subsequent rejection mechanisms, such as acute vascular rejection and rejection by immune cells which play crucial roles to achieve prolonged graft survival in pig-to-human xenotransplantation models. Our task within the DFG Transregio Research Unit

Complete Reference Abstract Reference Print Preview Email Jumpstart Email Article Text Save Article Text Add to My Projects Find Similar About this lournal Test Seb

Outline

Reference

Bibliographic Links



Search Fields 查詢EMBASE特定欄位

- Drug Trade Name only used where that specific brand or dose form is important 試
- Drug Manufacturer Name for competitive information or disambiguation 試
- Device Name for medical devices 試
- Device Manufacturer Name 試
- Institution academic institution or company name
- CAS Registry Number a number specific to individual chemical. Salts and variants may take a different number (includes a checksum) 試

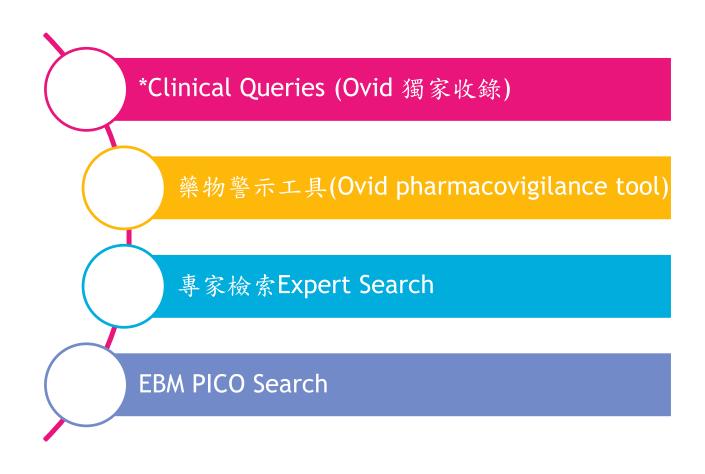


Limits 特有篩選項目 in EMbase

- 資料來源篩選
 - Records From Medline or Embase
 - Exclude MEDLINE Journals (EMBASE Unique) based on a journals list
 - Cochrane Library records
- 實證文獻
 - Evidence-Based Medicine records
 - McMaster Clinical Queries
 - Methodologies limit :
- Clinical Trials
- Priority Journals fast track indexing 該
- Human, Animals and Animal Studies
- Conference Abstracts
- Special Ovid Filters for Embase

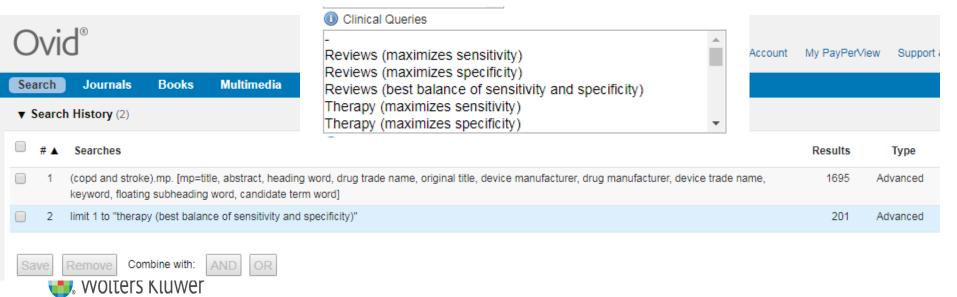


實用小工具



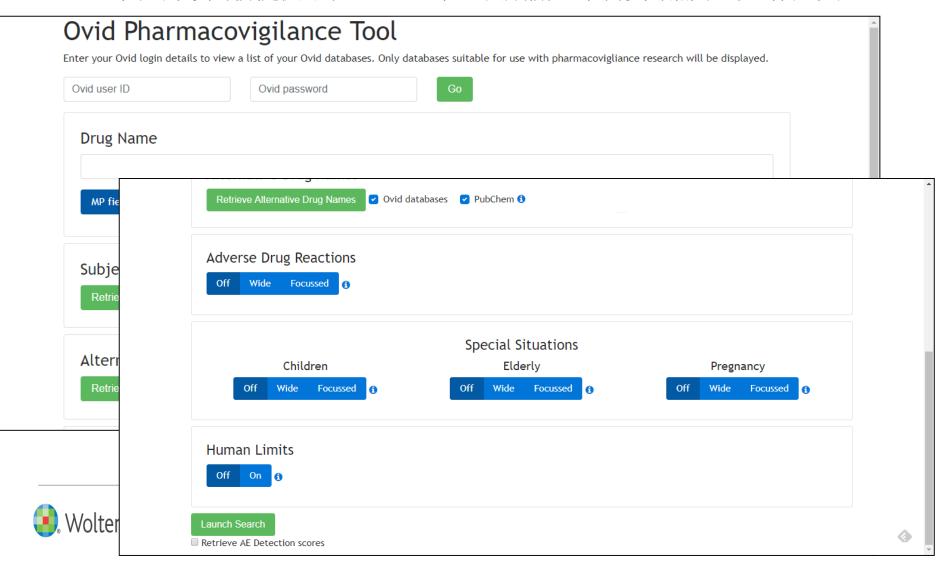
Clinical Queries (依據臨床情境快速篩選)

Ovid 獨家提供完整的臨床情境,方便讀者優先閱讀臨床上的診斷、治療、預防方面的文獻。Ovid收錄九個主題,分別為(1)Reviews、(2)Therapy、(3)Diagnosis、(4)Prognosis、(5)Causation-Etiology、(6)Economics、(7)Clinical Prediction Guides、(8)
Qualitative、(9)Cost。



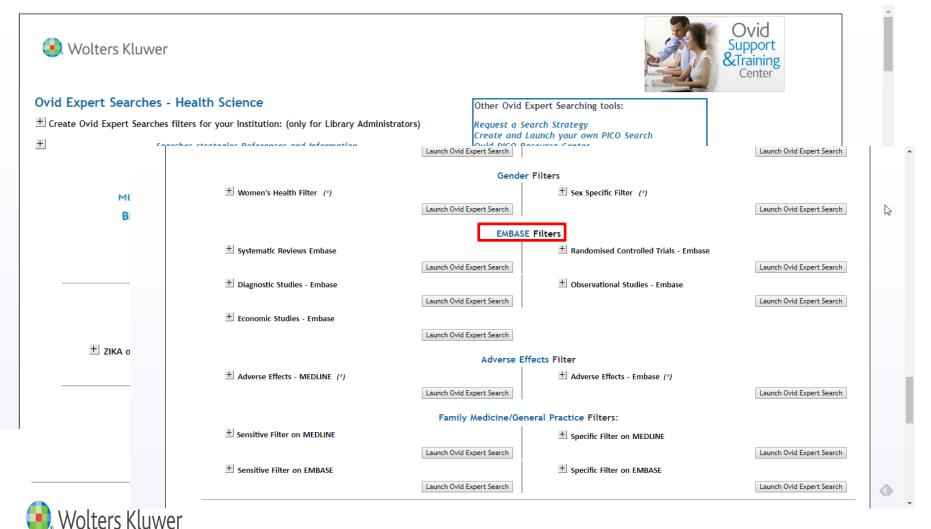
藥物警示工具(Ovid pharmacovigilance tool)

※Ovid平台獨家開發提供給在Embase中,長期關注藥物資訊需求的工作人員

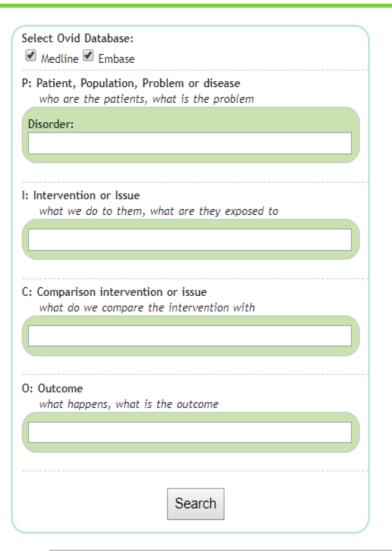


EMBASE 專家檢索 (分享各種檢索策略給用戶使用)

http://resourcecenter.ovid.com/site/resources/expert_search/healthexp.html



EBM PICO Search







為何選擇Ovid的Medline & EMBASE

- Ovid Medline收錄內容就像PubMed一樣
- ■可直接轉譯檢索策略
- ■可直接去除重複結果
- ■獨家提供與Medline相通之篩選選項
- 多種臨床實證檢索工具

一個不嫌多,兩個恰恰好!

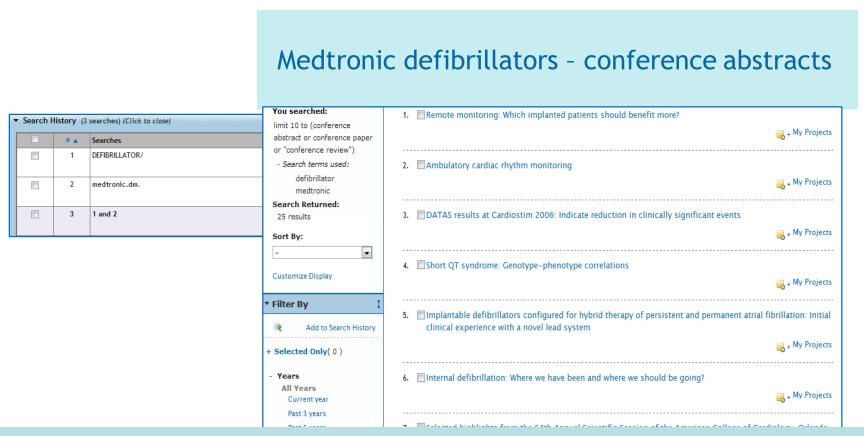


檢索範例

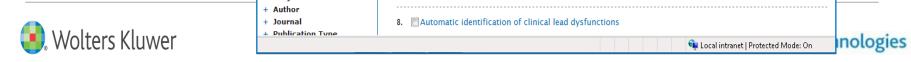
- 1. Medical devices from Medtronic competitive analysis
- 2. Comprehensive search for IUD
- 3. Managing high cholesterol in patients on Plavix
- Choice of anti-diabetics in obese children and adolescents
- 5. Smoking and incidence of lung cancer
- 6. Effects of exercise on White Blood Cells
- 7. Quality Of Life after bladder surgery
- 8. Special drug formulations: Cardizem



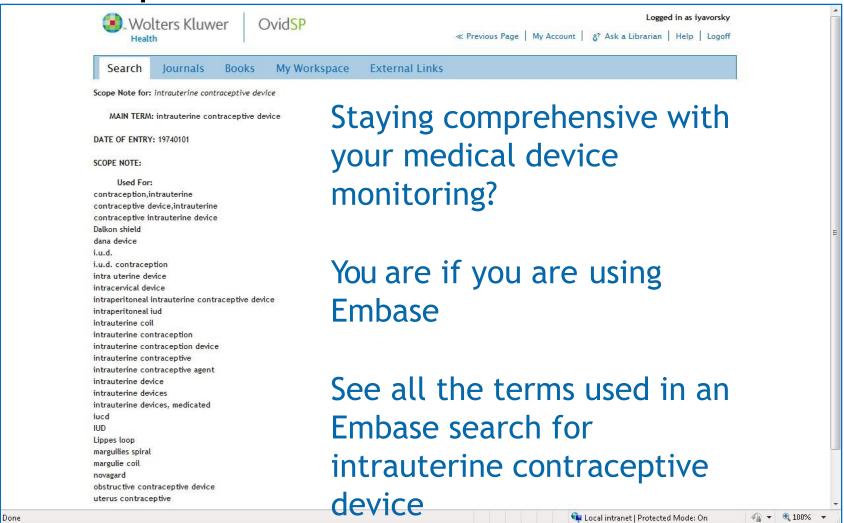
1. Combine subject heading with manufacturer to stay on top of your competitors



As Embase now includes conference abstracts you get most current information faster



2. Comprehensive search for medical device?





3. Guidance on management of high cholesterol in patient on Clopidogrel (Plavix)

- A Patient currently on Clopidogrel (Plavix) needs antihypercholesteremic medication because of high cholesterol
- Search for Clopidogrel and select subheading Drug Interaction to check for potential drug interaction with this class of drugs or with any drugs within this class
- Search for Statin as it is a subject heading using mapping
- Combine
- •7 results help with guidance on the Statin to be chosen (or avoided)

Search strategy & results in this case

▼ Search History (3 searches) (Click to close)					
	# *	Searches	Results	Search Type	Actions
	1	clopidogrel/it [Drug Interaction]	650	Advanced	• Display
					More ≫
	2	statin/	2242	Advanced	• Display
					More ≫
	3	1 and 2	7	Advanced	• Display
					More ≫

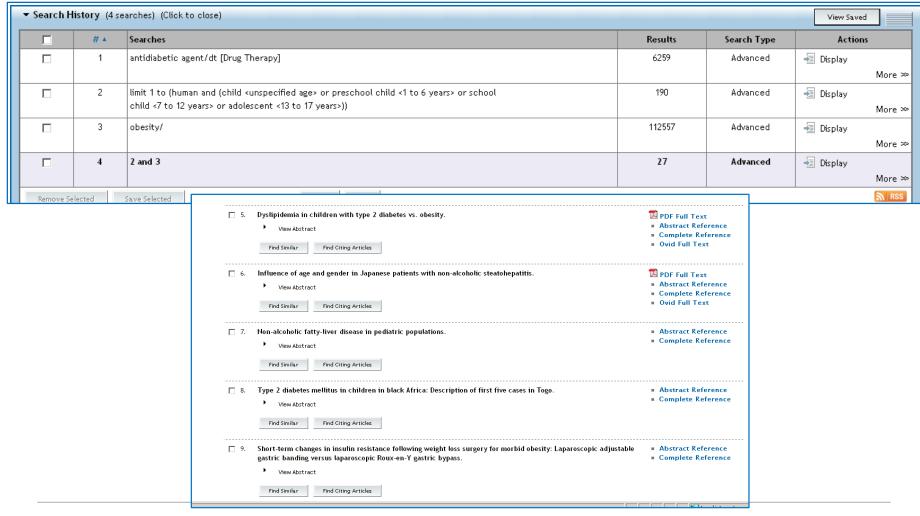




4. Reviewing current anti-diabetic drug therapies in obese children and adolescents

- Search for anti-diabetic agent map to subject heading and select Subheading - Drug Therapy
- Use limits to narrow down search to human and children/adolescents: (human and (child <unspecified age> or preschool child <1 to 6 years> or school child <7 to 12 years> or adolescent <13 to 17 years>))
- Search for obesity and map this to the subject heading
- Combine the two searches as illustrated on the next slide

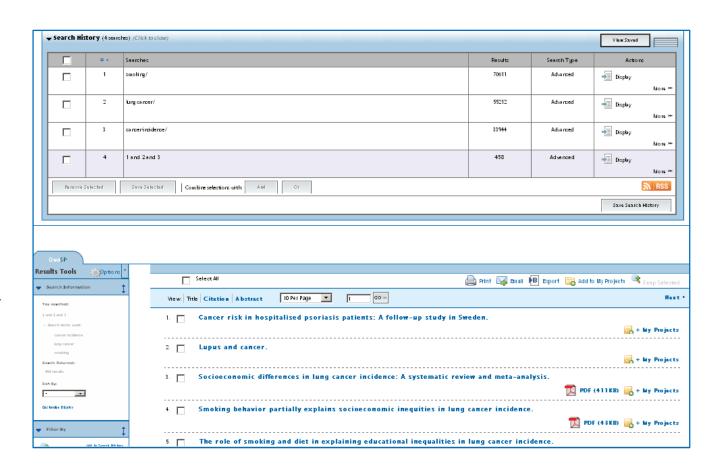
Search strategy & results for this case





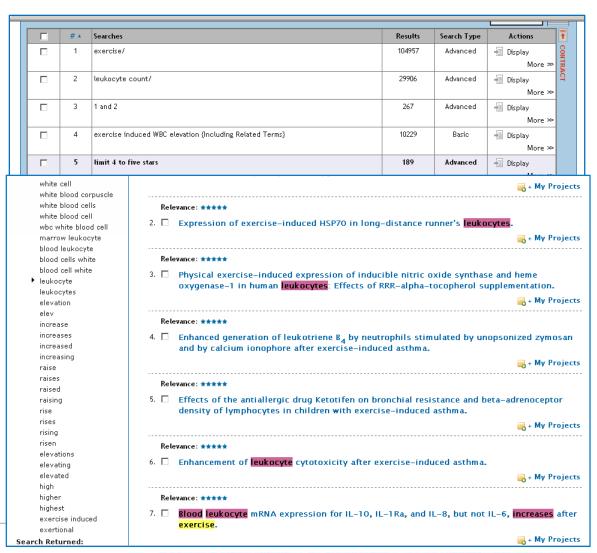
5. Smoking and Incidence of Lung Cancer

- In advance search put in "smoking" and map to Emtree term
- Perform the same with lung cancer
- Same could be done with incidence but cancer incidence appears as part of the mapping display. So choosing that and combining the 3 searches...



6. Exercise effects on WBC count

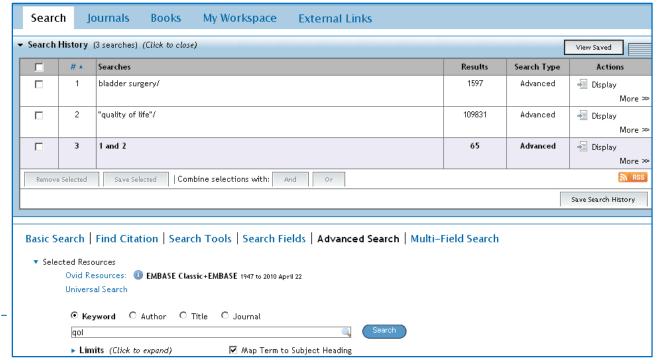
- In Advanced Search, input exercise and map to Emtree term
- Put in Advanced search WBC count and map to leukocyte count
- Combine the two searches
- Another approach is to use Basic Search and enter: "Exercise induced WBC elevation"
- Select 5 Star results to see the most relevant results





7. Bladder surgery effect on Quality of Life

- "Quality of life" is an Emtree heading offered if QOL is entered with mapping turned on
- If you are not sure
 what type of surgery
 you would like to
 explore just type in
 surgery to see all the
 Emtree surgery terms or use explode



Combine the bladder surgery Emtree heading search with "Quality of Life" search using the AND operator to get targeted results

8. Drug Formulation

- Drug formulation is an Emtree term and if a special formulation of a drug is being investigated the search for Drug Formulation can be combined with the drug of interest
- Cardizem comes in both immediate and delayed release formulations. If the oral controlled release formulation is of interest, in Advanced search enter Cardizem, then focus by selecting the Subheading of Oral Administration
- Combine the above search with a Controlled release formulation search
- Note that if you put in delayed release, you are mapped to delayed release
 formulation and then by clicking on it and checking in Thesaurus view you can select
 Broader Term of Controlled release formulation

