

# MICC 2023 Workshop



**Wolters Kluwer**  
When you have to be right

## How librarians can support Open Science

Building and Sharing Search  
Strategies on Ovid

**Michael Fanning**

Customer Success - Training Manager  
Health Learning, Research and Practice

MICC 20213  
University of Zagreb, Croatia

6<sup>th</sup> June 2023

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## Welcome

- A. Background & FINE Start
- B. Concept Searching
- C. Search Blocks
- D. Search Strategy Management
- E. Search Strategy Sharing

Next Flight...



# A. Background & FINE Start

Literature search methods are variously reported, from the minimal...

Drug Saf (2017) 40:37–47  
DOI 10.1007/s40264-016-0474-1

REVIEW ARTICLE

## Evaluating the Safety Profile of Non-Active Implantable Medical Devices Compared with Medicines

Josep Pane<sup>1,2,3</sup> · Preciosa M. Coloma<sup>1,3</sup> · Katia M. C. Verhamme<sup>1,3</sup> · Miriam C. J. M. Sturkenboom<sup>1,3</sup> · Irene Rebollo<sup>2</sup>

Published online: 7 December 2016  
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**Abstract** Recent safety issues involving non-active implantable medical devices (NAIMDs) have highlighted the need for better pre-market and post-market evaluation. Some stakeholders have argued that certain features of medicine safety evaluation should also be applied to medical devices. Our objectives were to compare the current processes and methodologies for the assessment of NAIMD safety profiles with those for medicines, identify potential gaps, and make recommendations for the adoption of new methodologies for the ongoing benefit-risk monitoring of these devices throughout their entire life cycle. A literature review served to examine the current tools for the safety evaluation of NAIMDs and those for medicines. We searched MEDLINE using these two categories. We supplemented this search with Google searches using the same key terms used in the MEDLINE search. Using a comparative approach, we summarized the new product design, development cycle (preclinical and clinical phases), and post-market phases for NAIMDs and drugs. We also evaluated and compared the respective processes to integrate and assess safety data during the life cycle of the products, including signal detection, signal management, and subsequent potential regulatory actions. The search identified a gap in NAIMD safety signal generation: no global program exists that collects and analyzes adverse events and product quality issues. Data sources in real-world settings, such as electronic health records, need to be effectively identified and explored as additional sources of safety information, particularly in some areas such as the EU and USA where there are plans to implement the unique device identifier (UDI). The UDI and other initiatives will enable more robust follow-up and assessment of long-term patient outcomes. The safety evaluation system for NAIMDs differs in many ways from those for drugs, but both systems face analogous challenges with respect to monitoring real-world usage. Certain features of the drug safety evaluation process could, if adopted and adapted for NAIMDs, lead to better and more systematic evaluations of the latter.

**Key Points**

- The collection of safety information and its integration into the risk management process for medical devices is not consistent.
- Collaboration between all stakeholders is needed to develop a more proactive safety evaluation process.
- This new process should incorporate real-world data to develop a risk assessment model that is suitable for all medical devices.

Disclaimer: The views expressed in this article are the personal views of the author(s) and may not be understood or quoted as being made on behalf of or reflecting the position of Alcon (Novartis) or Erasmus University Medical Center or one of its committees or working parties.

✉ Josep Pane  
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<sup>3</sup> Eu2P European Programme in Pharmacovigilance and Pharmacoepidemiology, University of Bordeaux Segalen, Bordeaux, France

Adis

“

## 2 Literature Review Methodology

A literature review served to examine the current tools for the safety evaluation of NAIMDs and medicines. We searched MEDLINE using these two categories. We supplemented this search with Google searches using the same key terms used in the MEDLINE search. “

Pane, J., Coloma, P. M., Verhamme, K. M., Sturkenboom, M. C., Rebollo, I. (2017). Evaluating the safety profile of non-active implantable medical devices compared with medicines. *Drug Safety*, 40, 37-47. <https://dx.doi.org/10.1007/s40264-016-0474-1>

# A. Background & FINE Start

...to the detailed (but which is still difficult to reproduce!)

Received: 22 April 2021 | Revised: 29 June 2021 | Accepted: 23 July 2021  
DOI: 10.1111/jocn.15993

**SPECIAL ISSUE REVIEW**

**Journal of Clinical Nursing WILEY**

## The information needs of patients with atrial fibrillation: A scoping review

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<sup>3</sup>Caring Futures Institute, College of Nursing and Health Sciences, Flinders University, Adelaide, SA, Australia  
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Email: brigittewoo@nus.edu.sg

**Abstract**  
**Aims and objectives:** To identify the atrial fibrillation (AF)-specific information needs of patients with AF.  
**Background:** Patients' understanding of AF is pertinent to optimising treatment and outcomes, thus highlighting the need for effective patient education. The information required to deliver effective AF-specific patient education is less examined.  
**Methods:** Guided by Arksey and O'Malley's framework, a scoping review was conducted for studies reporting the AF-specific information needs of patients with AF. Systematic searches were conducted across six databases (Medline, PubMed, CINAHL, Scopus, PsycINFO and ProQuest). All analyses were narrated in prose and outlined in tables. The PRISMA-ScR checklist was used to report this review.  
**Results:** The systematic search yielded 3816 articles, of which 22 were included. Three major themes emerged from the thematic analysis. Each theme was supported by three sub-themes. First, in 'Understanding AF, patients reported the need for 'Easy-to-understand information', information on the 'Screening and diagnosis' of AF and 'Trajectory of disease and its associated risks'. Second, in 'Treating AF, patients required information on the 'Role of anticoagulation', 'Existing or novel therapeutic options' and 'Monitoring effectiveness of treatment'. Lastly, in 'Living with AF, patients needed education in 'Symptom management', 'Secondary prevention of risks' and 'Recognition of emergency situations'.  
**Conclusions:** This review has identified the key AF-specific information needs of patients with AF. Being cognisant of the information needs of patients with AF, healthcare providers may become more effective in developing person-centred patient education interventions. **Relevance to clinical practice:** Delivering relevant patient education is an important cornerstone for atrial fibrillation care. Nurses by convention play a professional role in patient education. It may be facilitative for nurses to refer to the review findings when developing and implementing patient education interventions. Being in the midst of an ongoing pandemic, patient education strategies may require the use of telecommunication technologies.

**KEYWORDS**  
arrhythmias, atrial fibrillation, cardiac, patient education, review



Woo, B. F. Y., Bulto, L. N., Hendriks, J. M. L., Lim, T. W., Tam, W. W. S. (2021). The information needs of patients with atrial fibrillation: a scoping review. *Journal of Clinical Nursing*, <https://dx.doi.org/10.1111/jocn.15993>

## A. Background & FINE Start

Formulate the research question



Is acupuncture effective  
in the treatment of  
migraines?



Find randomized  
controlled trials  
(RCTs).

## A. Background & FINE Start

Formulate the research question



Is acupuncture effective  
in the treatment of  
migraines?

Find randomized  
controlled trials  
(RCTs).

✓ Feasible

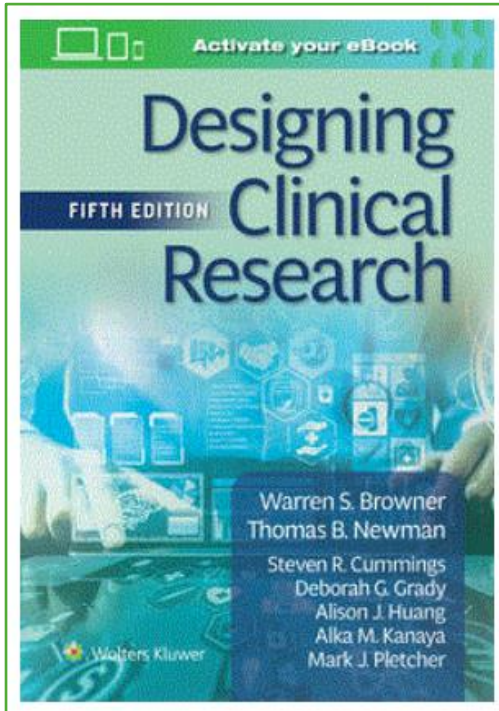
✓ Important

✓ Novel

✓ Ethical

# A. Background & FINE Start

## The FINE Criteria are a useful guide



(Print pagebreak 17)

**CHAPTER 2**

**Conceiving the Research Question and Developing the Study Plan**

Steven R. Cummings  
Alka M. Kanaya

The **research question** is the uncertainty that the investigator wants her study to resolve. There are many good research questions, and even as we succeed in answering some, we remain surrounded by others. For example, among older adults, loneliness is strongly associated with a decline in functional status and an increase in mortality (1). But this finding leads to new questions: Can we diminish loneliness among the elderly by providing a structured in-home support program? Would this type of program prevent functional decline? What types of interventions work best: peer, family, or group support? Can a program be remotely by phone or video? Is loneliness also associated with declines in cognitive function?

The challenge in finding a research question is defining an important one that has not been answered and the into a feasible, ethical, and valid study plan. This chapter presents strategies for accomplishing this.

**• ORIGINS OF A RESEARCH QUESTION**

For an established investigator, the best research questions usually emerge from the findings and problem in her own prior studies and in those of other scientists in the field. A new investigator has not yet developed experience. Although a fresh perspective sometimes allows a creative person to conceive new approaches, lack of experience is largely an impediment.

A good way to begin is to clarify the difference between a research question and a *research interest*. Consider this question:

- Does providing a regular basic income reduce depression among middle-aged adults?

This might be asked by someone whose research interest involves social determinants of health, depression management, or health policy interventions. The distinction between research questions and research interest is that although a specific question cannot be transformed into a viable study plan, the investigator can address her research interest by asking a different question.

Of course, it's impossible to formulate a research question if you are not even sure about your research interest. When one is stalled (eg, while waiting to hear back from the Institutional Review Board (IRB) or a collaborator), you can be working on another. But having (Print pagebreak 18) too many projects spreads limited time and resources, so a wise approach is to prioritize the top few on the basis of how well they meet the characteristics of a good question, reviewed further on. Your attention may necessarily focus on a research question that has a time-sensitive opportunity, such as a funding deadline. Keep a list of ideas to return to as your bandwidth allows. Sharing your questions with other investigators, fellows, or students may allow you to participate in a study as a coinvestigator or mentor.

**Expertise**

It is important to become an expert in the area of study. **Scholarship** is foundational to successful research. A new

**TABLE 2.1 FINE™ CRITERIA FOR A GOOD RESEARCH QUESTION AND STUDY PLAN**

Feasible	}	The FINE Criteria	Adequate number of participants
			Adequate technical expertise
Important	}	The FINE Criteria	Affordable in time and money
			Fundable
Novel	}	The FINE Criteria	May lead to improvements in clinical care or public health
			Contributes to an investigator's reputation for rigorous and valuable research
Ethical	}	The FINE Criteria	New findings
			Confirms, refutes, or extends previous findings
			May lead to innovations in concepts of health and disease, medical practice, or methodologies for research
			Meets the criteria set by the Institutional Review Board
			Addresses health equity

Browner, Warren S., et al. *Designing Clinical Research*. 5th ed., Lippincott Williams & Wilkins, 2023.

# A. Background & FINE Start

Identify the key concepts



Is **acupuncture** effective  
in the treatment of  
**migraines?**

Concept

Concept

Find **randomized  
controlled trials**  
(RCTs).

Concept



## A. Background & FINE Start

Order the key concepts



Is **acupuncture** effective  
in the treatment of  
**migraines?**

Second Concept

First Concept

Find **randomized  
controlled trials**  
(RCTs).

Third Concept

## A. Background & FINE Start

Select an appropriate search methodology and refine



Is **acupuncture** effective  
in the treatment of  
**migraines?**

Find **randomized  
controlled trials**  
(RCTs).

Second Concept

I

First Concept

P

C

O

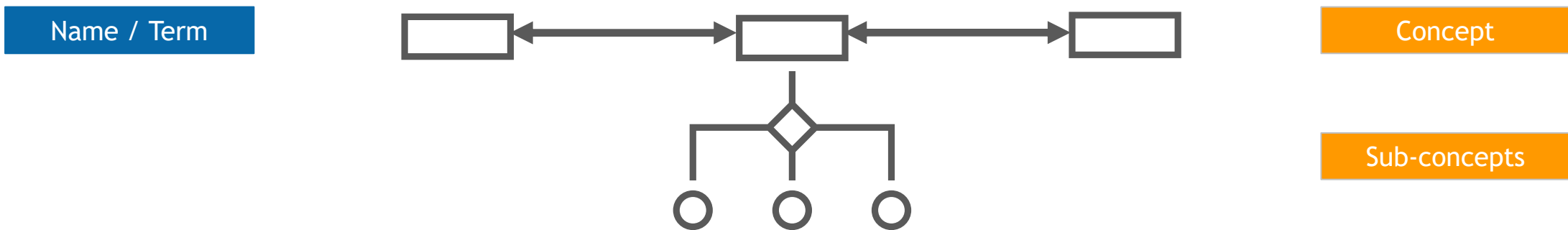
Third Concept

S

## B. Concept Searching

What does it involve?

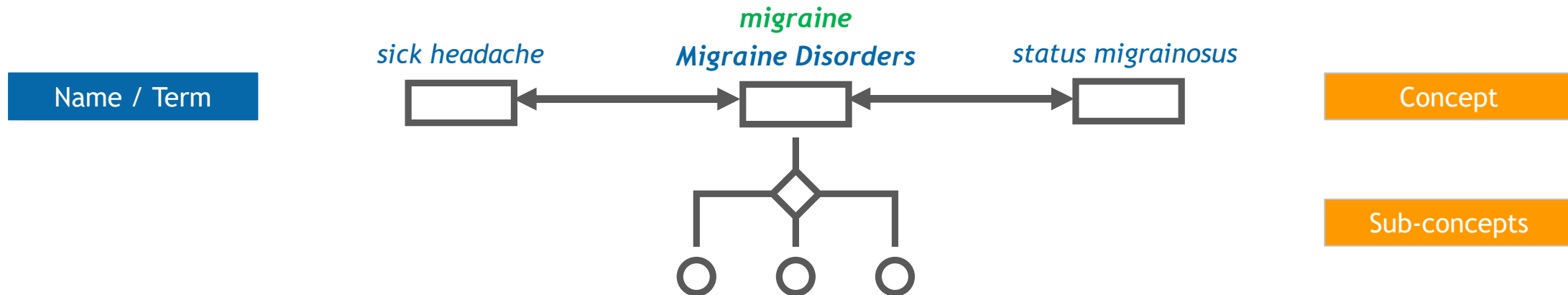
- ✓ **Concept searching** refers to techniques and methods that enable you to retrieve database records based on the idea of a thing as opposed to just a name for the thing.
- ✓ In practical terms a concept search occurs when your search, initiated via an entry term, includes synonyms and other representations and variants of the entry term.



## B. Concept Searching

What does it involve?

- ✓ **Concept searching** refers to techniques and methods that enable you to retrieve database records based on the idea of a thing as opposed to just a name for the thing.
- ✓ In practical terms a concept search occurs when your search, initiated via an **entry term**, includes **synonyms** and other **representations** and **variants** of the entry term.



## B. Concept Searching

*Example: A disease, 'diabetes type 2'*

### Entry Term:

- diabetes type 2
- niddm

### MeSH HEADING:

DIABETES MELLITUS, TYPE 2

### Used For:

- adult-onset diabetes mellitus
- diabetes, maturity-onset
- diabetes mellitus, adult onset
- diabetes mellitus, adult-onset
- diabetes mellitus, ketosis resistant
- diabetes mellitus, ketosis-resistant
- diabetes mellitus, maturity onset
- diabetes mellitus, maturity-onset
- diabetes mellitus, non insulin dependent
- diabetes mellitus, non-insulin-dependent
- diabetes mellitus, noninsulin dependent
- diabetes mellitus, noninsulin-dependent
- diabetes mellitus, slow onset
- diabetes mellitus, slow-onset
- diabetes mellitus, stable
- diabetes mellitus, type 2
- diabetes mellitus, type ii
- **diabetes, type 2**
- ketosis-resistant diabetes mellitus
- mody
- maturity onset diabetes
- maturity onset diabetes mellitus
- maturity-onset diabetes
- maturity-onset diabetes mellitus
- **niddm**
- non-insulin-dependent diabetes mellitus
- noninsulin dependent diabetes mellitus
- noninsulin-dependent diabetes mellitus
- slow-onset diabetes mellitus
- stable diabetes mellitus
- type 2 diabetes
- type 2 diabetes mellitus

## B. Concept Searching

*Example: A drug, 'Ritalin'*

**Entry Term:**

➤ Ritalin

**MeSH HEADING:**

METHYLPHENIDATE

**Used For:**

- 113-45-1 (methylphenidate)
- 207zz9qz49
- 298-59-9 (hcl)
- 4b3sc438hi
- centedrin
- concerta
- daytrana
- equasym
- metadate
- methylin
- methylphenidate
- methylphenidate hydrochloride
- phenidylate
- **ritalin**
- **ritalin sr**
- **ritalin-sr**
- **ritaline**
- tsentedrin

## B. Concept Searching

Why is it important?

- ✓ **Concept searching**, especially using the combination of thesaurus and free term searching is important in order to increase the likelihood of capturing all the relevant records in the database.
- ✓ The combination is also important as the date from which the thesaurus term was first employed may influence the subsequent retrieval of the database records. Consider the 2019 MeSH term **Gray Literature**,

▼ Search History (2)				
<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	Gray Literature/	41	Advanced
<input type="checkbox"/>	2	gr#y literature.ti,ab,kw.	10740	Advanced

## B. Concept Searching

Why is it important?

- ✓ It is also important because, the resource's conceptual view of your entry term may differ between database resources. Consider the term **multiple sclerosis** as indexed in MeSH compared to Emtree.

[-]	<input checked="" type="checkbox"/>	Multiple Sclerosis	59362
	<input type="checkbox"/>	Multiple Sclerosis, Chronic Progressive	2452
	<input type="checkbox"/>	Multiple Sclerosis, Relapsing-Remitting	7619

Ovid MEDLINE, MeSH Thesaurus

<input checked="" type="checkbox"/>	<b>multiple sclerosis</b>
	[Used For]
	<a href="#">chariot disease</a>
	<a href="#">chronic progressive multiple sclerosis</a>
	<a href="#">disseminated sclerosis</a>
	<a href="#">insular sclerosis</a>
	<a href="#">MS</a>
	<a href="#">multiple sclerosis, chronic progressive</a>
	<a href="#">multiple sclerosis, relapsing-remitting</a>
	<a href="#">primary progressive multiple sclerosis</a>
	<a href="#">relapsing remitting multiple sclerosis</a>
	<a href="#">sclerosis multiplex</a>
	<a href="#">sclerosis, disseminated</a>
	<a href="#">sclerosis, insular</a>
	<a href="#">sclerosis, multiple</a>
	<a href="#">secondary progressive multiple sclerosis</a>

Embase on Ovid, Emtree Thesaurus



## B. Concept Searching

How does concept searching work on Ovid?

Ovid fully supports the common 3-step practice of concept searching,

1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



+



*Example:*

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced



## B. Concept Searching

Consider the **Advanced Search** with Mapping **On**

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

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) ALL** 1946 to June 08, 2022

Enter keyword or phrase  
(\* or \$ for truncation)

**Keyword**    Author    Title    Journal

Limits *(expand)*    Include Multimedia    **Map Term to Subject Heading**



## B. Concept Searching

Consider the Advanced Search with Mapping **On**

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

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) ALL** 1946 to June 08, 2022

Enter keyword or phrase (\* or \$ for truncation)  **Keyword**  Author  Title  Journal

Limits (expand)  Include Multimedia  Map Term to Subject Heading

### 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*

Include All Subheadings

Combine with:

Select	Subject Heading	Explode	Focus	Scope
<input checked="" type="checkbox"/>	<a href="#">Migraine Disorders</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	migraine.mp. search as Keyword			



## B. Concept Searching

Consider the Advanced Search with Mapping **On**

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<input type="checkbox"/>	migraine.mp. search as Keyword			

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	Migraine Disorders/	28248	Advanced



## B. Concept Searching

Consider the Advanced Search with Mapping **On**

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

1 Resource selected | [Hide](#) | [Change](#)

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<input type="checkbox"/>	migraine.mp. search as Keyword			



## B. Concept Searching

### Consider the Advanced Search with Mapping **On**

Scope Note for: *Migraine Disorders*

**MeSH HEADING:** MIGRAINE DISORDERS

**SCOPE:** A class of disabling primary headache disorders, characterized by recurrent unilateral pulsatile headaches. The two major subtypes are common migraine (without aura) and classic migraine (with aura or neurological symptoms). (International Classification of Headache Disorders, 2nd ed. Cephalalgia 2004: suppl 1)

**NOTE:** note many specifics; use word of text

**YEAR of ENTRY:** 2006 (1963)

**REFERENCES:  
Used For:**

abdominal migraine  
abdominal migraines  
acute confusional migraine  
acute confusional migraines  
cervical migraine syndrome  
cervical migraine syndromes  
disorder, migraine  
disorders, migraine  
headache, migraine  
headache, sick  
headaches, migraine  
headaches, sick

hemicrania migraine  
hemicrania migraines  
migraine  
migraine, abdominal  
migraine, acute confusional  
migraine disorder  
migraine disorders  
migraine headache  
migraine headaches  
migraine, hemicrania  
migraine syndrome, cervical  
migraine syndromes, cervical

migraine variant  
migraine variants  
migraines  
migraines, abdominal  
migraines, acute confusional  
migraines, hemicrania  
sick headache  
sick headaches  
status migrainosus  
variant, migraine  
variants, migraine

The MeSH term  
„Migraine Disorders“  
covers synonyms and  
variations

## B. Concept Searching



### Thesaurus Used For are also sources of free text terms

Scope Note for: *Migraine Disorders*

**MeSH HEADING:** MIGRAINE DISORDERS

**SCOPE:** A class of disabling primary headache disorders, characterized by recurrent unilateral pulsatile headaches. The two major subtypes are common migraine (without aura) and classic migraine (with aura or neurological symptoms). (International Classification of Headache Disorders, 2nd ed. Cephalalgia 2004: suppl 1)

**NOTE:** note many specifics; use word of text

**YEAR of ENTRY:** 2006 (1963)

**REFERENCES:  
Used For:**

abdominal migraine	hemicrania migraine	migraine variant
abdominal migraines	hemicrania migraines	migraine variants
acute confusional migraine	migraine	migraines
acute confusional migraines	migraine, abdominal	migraines, abdominal
cervical migraine syndrome	migraine, acute confusional	migraines, acute confusional
cervical migraine syndromes	migraine disorder	migraines, hemicrania
disorder, migraine	migraine disorders	sick headache
disorders, migraine	migraine headache	sick headaches
headache, migraine	migraine headaches	status migrainosus
headache, sick	migraine, hemicrania	variant, migraine
headaches, migraine	migraine syndrome, cervical	variants, migraine
headaches, sick	migraine syndromes, cervical	

*migraine*\$

OR

*sick headache*\$

OR

*status migrainosus*





## B. Concept Searching

Consider the Advanced Search with Mapping **On**

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

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) ALL** 1946 to June 08, 2022

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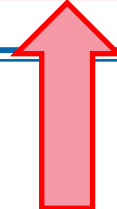
Include All Subheadings

Combine with:

Select	Subject Heading	Explode	Focus	Scope
<input checked="" type="checkbox"/>	<a href="#">Migraine Disorders</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	migraine.mp. search as Keyword			



?



## B. Concept Searching



Consider the Advanced Search with Mapping **On**

Tree for **Migraine Disorders** Database: **Ovid MEDLINE(R)**

Combine with:

Scroll down for highlighted search term.

Select Term(s)					
<input type="checkbox"/> Headache Disorders			2592	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Anatomy (Non MeSH)	<input type="checkbox"/> Headache Disorders, Primary		937	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Organisms (Non MeSH)	<input checked="" type="checkbox"/> Migraine Disorders		28248	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Diseases (Non MeSH)	<input type="checkbox"/> Alice in Wonderland Syndrome		62	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Infections	<input type="checkbox"/> Migraine with Aura		2118	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Neoplasms	<input type="checkbox"/> Migraine without Aura		858	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Musculoskeletal Diseases	<input type="checkbox"/> Ophthalmoplegic Migraine		62	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Digestive System Diseases	<input type="checkbox"/> Tension-Type Headache		2178	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Stomatognathic Diseases	<input type="checkbox"/> Trigeminal Autonomic Cephalalgias		231	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Headache Disorders, Secondary		776	<input type="checkbox"/>	<input type="checkbox"/>



<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	Migraine Disorders/	28248	Advanced

# B. Concept Searching



Consider the Advanced Search with Mapping **On**

Tree for **Migraine Disorders** Database: **Ovid MEDLINE(R)**

Combine with: **OR**

Scroll down for highlighted search term.

Select Term(s)						
<input type="checkbox"/> Headache Disorders			2592	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Anatomy (Non MeSH)	<input type="checkbox"/> Headache Disorders, Primary		937	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Organisms (Non MeSH)	<input checked="" type="checkbox"/> Migraine Disorders	<b>Concept</b>	28248	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Diseases (Non MeSH)	<input type="checkbox"/> Alice in Wonderland Syndrome	<b>Sub-concepts</b>	62	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Infections	<input type="checkbox"/> Migraine with Aura		2118	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Neoplasms	<input type="checkbox"/> Migraine without Aura		858	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Musculoskeletal Diseases	<input type="checkbox"/> Ophthalmoplegic Migraine		62	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Digestive System Diseases	<input type="checkbox"/> Tension-Type Headache		2178	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/> Stomatognathic Diseases	<input type="checkbox"/> Trigeminal Autonomic Cephalalgias		231	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
	<input type="checkbox"/> Headache Disorders, Secondary		776	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>



## B. Concept Searching



Consider the Advanced Search with Mapping **On**

Tree for **Migraine Disorders** Database: **Ovid MEDLINE(R)**

Combine with:

Scroll down for highlighted search term.

Select Term(s)							
<input type="checkbox"/> Headache Disorders			2592	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Anatomy (Non MeSH)	<input type="checkbox"/> Headache Disorders, Primary		937	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Organisms (Non MeSH)	<input checked="" type="checkbox"/> Migraine Disorders	<b>Concept</b>	28248	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Diseases (Non MeSH)	<input type="checkbox"/> Alice in Wonderland Syndrome		62	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Scope Note for: *Alice in Wonderland Syndrome*

**MeSH HEADING:** ALICE IN WONDERLAND SYNDROME

**SCOPE:** Neurological condition characterized by disturbances in VISUAL PERCEPTION, most often of BODY SCHEMA, TIME PERCEPTION and HALLUCINATIONS. It is associated with MIGRAINE, infections (e.g., INFECTIOUS MONONUCLEOSIS), FEVER, EPILEPSY, and other neurological and psychiatric disorders.

**YEAR of ENTRY:** 2013

**PREVIOUS INDEXING:** Migraine Disorders (1973-2012); Neurologic Manifestations (1973-2012)

### REFERENCES:

Used For:

alice in wonderland syndrome

## B. Concept Searching



Consider the Advanced Search with Mapping **On**

Tree for **Migraine Disorders** Database: **Ovid MEDLINE(R)**

Combine with:

Scroll down for highlighted search term.

Select Term(s)	[-] <input type="checkbox"/>	Headache Disorders	2592	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Anatomy (Non MeSH)	[-] <input type="checkbox"/>	Headache Disorders, Primary	937	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Organisms (Non MeSH)	[-] <input checked="" type="checkbox"/>	<b>Migraine Disorders</b>	<b>28248</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[-] <input type="checkbox"/> Diseases (Non MeSH)	<input type="checkbox"/>	Alice in Wonderland Syndrome	62	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Infections	<input type="checkbox"/>	Migraine with Aura	2118	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Neoplasms	<input type="checkbox"/>	Migraine without Aura	858	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Musculoskeletal Diseases	<input type="checkbox"/>	Ophthalmoplegic Migraine	62	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Digestive System Diseases	<input type="checkbox"/>	Tension-Type Headache	2178	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
[+] <input type="checkbox"/> Stomatognathic Diseases	[+] <input type="checkbox"/>	Trigeminal Autonomic Cephalalgias	231	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
	[+] <input type="checkbox"/>	Headache Disorders, Secondary	776	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>

**Concept** (highlighted for Migraine Disorders)

**Sub-concepts** (grouped for Alice in Wonderland Syndrome, Migraine with Aura, Migraine without Aura, and Ophthalmoplegic Migraine)

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	Migraine Disorders/	28248	Advanced
<input type="checkbox"/>	2	exp Migraine Disorders/	30416	Advanced

## B. Concept Searching



Consider the **Advanced Search** with Mapping **Off**

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

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) ALL** 1946 to June 08, 2022

Enter keyword or phrase  
(\* or \$ for truncation)

**Keyword**  Author  Title  Journal

Limits *(expand)*  Include Multimedia  Map Term to Subject Heading

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	<b>migraine.mp.</b> [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	43112	Advanced

## B. Concept Searching



### Consider the Advanced Search with Mapping Off

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

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) ALL** 1946 to June 08, 2022

Enter keyword or phrase  
(\* or \$ for truncation)

**Keyword**  Author  Title  Journal

Limits *(expand)*  Include Multimedia  Map Term to Subject Heading

The abbreviation 'mp' stands for „multi-purpose“ and refers to a group of common fields specific to the database in use.

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	<b>migraine.mp.</b> [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	43112	Advanced

## B. Concept Searching

Enhancing search lines with the inline **Edit** option

The screenshot displays a search results interface. At the top, there is a header with columns: # ▲ Searches, Results, Type, Actions, and Annotations. A search entry is highlighted in blue, showing a checkbox, the number '1', and the search term 'migraine.mp.' followed by a list of filters in brackets: [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]. The 'Results' column shows '43203' and the 'Type' column shows 'Advanced'. In the 'Actions' column, there are links for 'Display Results' and 'More'. The 'More' link is highlighted with a red box, and a dropdown menu is open, listing options: 'Save', 'Edit', 'Create Auto-Alert', 'Create RSS', and 'Remove'. The 'Edit' option is highlighted with a red box. Below the search entry, there are buttons for 'Save', 'Remove', and 'Combine with: AND OR'. At the bottom of the interface, there is a row of buttons: 'Save All', 'Edit', 'Create RSS', 'Create Auto-Alert', 'View Saved', 'Email All Search History', 'Copy Search History Link', and 'Copy Search History Details'.

# ▲	Searches	Results	Type	Actions	Annotations
<input type="checkbox"/>	1 migraine.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	43203	Advanced	Display Results <b>More</b>	

Save Remove Combine with: AND OR

Save All Edit Create RSS Create Auto-Alert View Saved Email All Search History Copy Search History Link Copy Search History Details




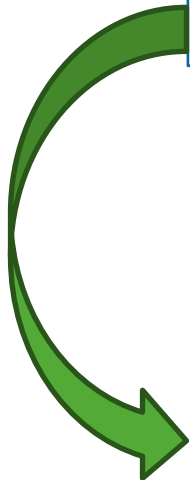
## B. Concept Searching

Searches can be added and added to, removed, enhanced and re-run

**Edit Search History**


Cancel Run Search

#	Searches	Annotations	Actions
1	migraine.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]		



**Edit Search History**

Cancel Run Search

#	Searches	Annotations	Actions
1	(migrain\$ or sick headach\$ or status migrainosus).mp.		

# ▲ Searches Results Type





<input type="checkbox"/>	1	(migrain\$ or sick headach\$ or status migrainosus).mp.	44267	Advanced
--------------------------	---	---	-------	----------

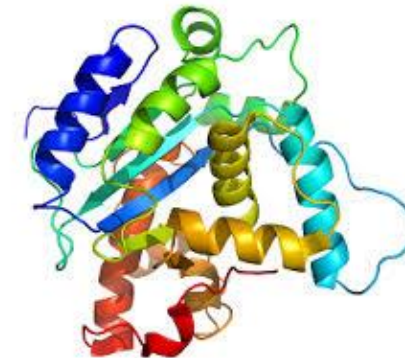
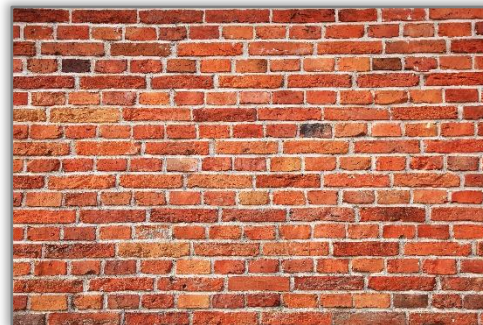


## B. Concept Searching



The three key search statements behind a concept search

▼ Search History (3)				
<input type="checkbox"/>	# ▲	Searches		Results      Type
<input type="checkbox"/>	1	exp Migraine Disorders/		30416      Advanced
<input type="checkbox"/>	2	(migrain\$ or sick headach\$ or status migrainosus).mp.		44267      Advanced
<input type="checkbox"/>	3	1 or 2	 + 	44306      Advanced



## C. Search Blocks

What are they?

- ✓ The expression ‘**search block**’ refers to database search statements, composed of search terms together with database instructions, that fulfil a specific purpose.
- ✓ Commonly used for concept searching, search blocks can also be a compilation of search strategy limits, a set of specific instructions as well as search filters, e.g. **observational studies**.

<input type="checkbox"/>	# ▲	Searches
<input type="checkbox"/>	1	Epidemiologic studies/
<input type="checkbox"/>	2	exp case control studies/
<input type="checkbox"/>	3	exp cohort studies/
<input type="checkbox"/>	4	Case control.tw.
<input type="checkbox"/>	5	(cohort adj (study or studies)).tw.
<input type="checkbox"/>	6	Cohort analy\$.tw.
<input type="checkbox"/>	7	(Follow up adj (study or studies)).tw.
<input type="checkbox"/>	8	(observational adj (study or studies)).tw.
<input type="checkbox"/>	9	Longitudinal.tw.
<input type="checkbox"/>	10	Retrospective.tw.
<input type="checkbox"/>	11	Cross sectional.tw.
<input type="checkbox"/>	12	Cross-sectional studies/
<input type="checkbox"/>	13	or/1-12

Source: Ovid Tools & Resources Portal

## C. Search Blocks

Why are they important?

- ✓ Search blocks facilitate the re-use of a search strategy and its constituent parts.
- ✓ Search blocks can be used to easily test and check assumptions made in the search logic as well as preserve alternative versions of the concept searches.
- ✓ Search block use encourages knowledge sharing and annotation so that search blocks and their annotations can be used and re-used in collaborative projects and for peer review purposes.

<input type="checkbox"/>	# ▲	Searches
<input type="checkbox"/>	1	(Animals/ or Models, Animal/ or Disease Models, Animal/) not Humans/
<input type="checkbox"/>	2	((animal or animals or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey or monkeys or mouse or murine or pig or pigs or piglet* or porcine or primate* or rabbit* or rats or rat or rodent* or sheep* or veterinar*) not (human* or patient*)).ti,kf,jw.
<input type="checkbox"/>	3	1 or 2

Source: McGill University Health Centre Libraries, July 2019

**Annotation** X

Re. Excluding Animals Filter  
 This search filter excludes animals in references to clinical studies. Designed by McGill University Health Centre Libraries and dated July 2019 it has been released under the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.  
 We are testing this filter for our current project. Please contact me for further details, questions etc.  
 NOTE AUTHOR: MF / DATE: 11/06/2022

Cancel
OK

## C. Search Blocks

Contain **terms** and/or database **instructions**

▼ Search History (3)					
<input type="checkbox"/>	# ▲	Searches		Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	<i>a. Thesaurus Search</i>	30416	Advanced
<input type="checkbox"/>	2	(migrain\$ or sick headach\$ or status migrainosus).mp.	<i>b. Free Text Search</i>	44267	First Concept
<input type="checkbox"/>	3	1 or 2	<i>c. Results in a. or b.</i>	44306	Advanced

## C. Search Blocks

Contain **terms** and/or database **instructions**

▼ Search History (3)

<input type="checkbox"/>	# ▲	Searches		Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	<i>a. Thesaurus Search</i>	30416	Advanced
<input type="checkbox"/>	2	(migrain\$ or sick headach\$ or status migrainosus).mp.	<i>b. Free Text Search</i>	44267	First Concept
<input type="checkbox"/>	3	1 or 2	<i>c. Results in a. or b.</i>	44306	Advanced

▼ Search History (3)

<input type="checkbox"/>	# ▲	Searches		Results	Type
<input type="checkbox"/>	1	docz.dz.		34290170	Advanced
<input type="checkbox"/>	2	limit 1 to medline		29554679	Advanced
<input type="checkbox"/>	3	1 not 2		4735491	Advanced

Line #1 uses the command **docz.dz** to find all the records in the database. #2 limits the records to MEDLINE records only. #3 identifies the records that do not yet have MeSH terms.

## C. Search Blocks

Search strategies are compilations of search blocks

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced
<input type="checkbox"/>	6	4 or 5	34650	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced
<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced
<input type="checkbox"/>	9	7 or 8	617796	Advanced
<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced

## C. Search Blocks

Concept compilations make for robust search strategies

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced
<input type="checkbox"/>	6	4 or 5	34650	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced
<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced
<input type="checkbox"/>	9	7 or 8	617796	Advanced
<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced

First Concept



## C. Search Blocks

Concept compilations make for robust search strategies

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced
<input type="checkbox"/>	6	4 or 5	34650	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced
<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced
<input type="checkbox"/>	9	7 or 8	617796	Advanced
<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced

First Concept

Second Concept

## C. Search Blocks

Concept compilations make for robust search strategies

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced
<input type="checkbox"/>	6	4 or 5	34650	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced
<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced
<input type="checkbox"/>	9	7 or 8	617796	Advanced
<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced

First Concept

Second Concept

Third Concept

## C. Search Blocks

Concept compilations make for robust search strategies

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced
<input type="checkbox"/>	6	4 or 5	34650	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced
<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced
<input type="checkbox"/>	9	7 or 8	617796	Advanced
<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced

First Concept

Second Concept

Third Concept

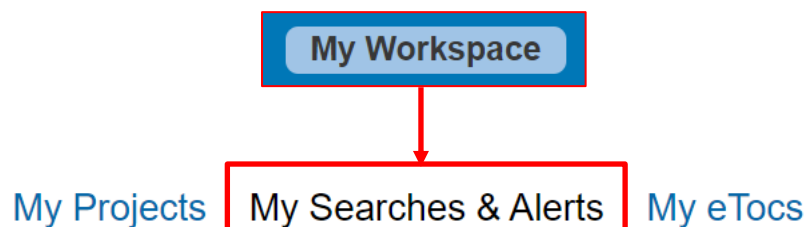
## C. Search Blocks

Concept compilations make for robust search strategies

	<input type="checkbox"/>	# ▲	Searches	Results	Type	
P	<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced	
	<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced	First Concept
	<input type="checkbox"/>	3	1 or 2	44122	Advanced	
I	<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced	
	<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced	Second Concept
	<input type="checkbox"/>	6	4 or 5	34650	Advanced	
S	<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced	
	<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced	Third Concept
	<input type="checkbox"/>	9	7 or 8	617796	Advanced	
	<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced	

## C. Search Blocks

Search strategies can be saved for re-use in *My Workspace*



Favorites Only  
 ▶ Run    📄 Copy    🗑️ Delete

**Permanent Searches** 5

**Migraine-Acupuncture Therapy-RCTs - Full Search**  
 Author: MF / Resource: Ovid MEDLINE / Run: 9th Jun




<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	30416	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44082	Advanced
<input type="checkbox"/>	3	1 or 2	44122	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	27637	Advanced
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478	Advanced
<input type="checkbox"/>	6	4 or 5	34650	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	570220	Advanced
<input type="checkbox"/>	8	randomi#ed controlled trial.mp.	617796	Advanced
<input type="checkbox"/>	9	7 or 8	617796	Advanced
<input type="checkbox"/>	10	3 and 6 and 9	114	Advanced

## C. Search Blocks













As can searches as search blocks

PERMANENT SEARCHES 5    AUTOALERT (SDI) SEARCHES 1    EXPERT SEARCHES 1

Favorites Only

 Run     Copy     Delete

**Permanent Searches** 5

<input checked="" type="checkbox"/> <b>Concept 1 - Migraine - Version 1</b> Author: MF / Resource: Ovid MEDLINE / Run: 9th June 2022	First Concept	Permanent	   
<input checked="" type="checkbox"/> <b>Concept 2 - Acupuncture Therapy - Version 1</b> Author: MF / Resource: Ovid MEDLINE / Run: 9th June 2022	Second Concept	Permanent	   
<input checked="" type="checkbox"/> <b>Concept 3 - RCTs - Version 1</b> Author: MF / Resource: Ovid MEDLINE / Run: 9th June 2022	Third Concept	Permanent	   

## C. Search Blocks

These can be run in any wished for sequence

PERMANENT SEARCHES 5    AUTOALERT (SDI) SEARCHES 1    EXPERT SEARCHES 1

Favorites Only

---

▶ Run    📄 Copy    🗑️ Delete

---

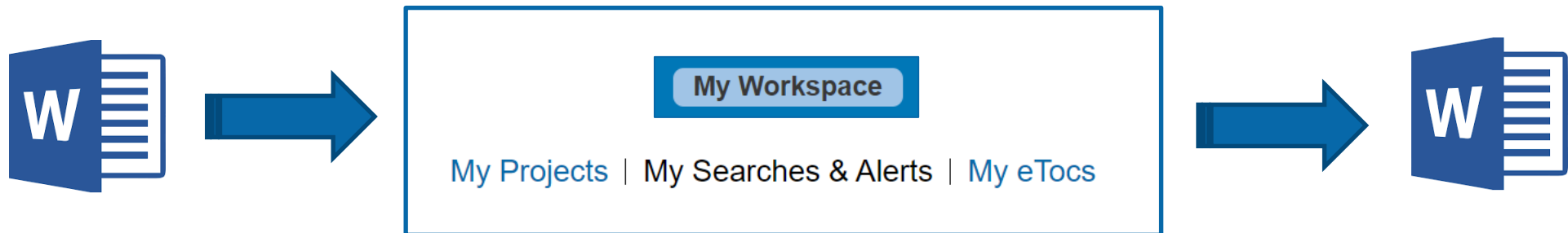
**Permanent Searches** 5

<input checked="" type="checkbox"/>	<b>Concept 1 - Migraine - Version 1</b> Author: MF / Resource: Ovid MEDLINE / Run: 9th June 2022	First Concept	Permanent	<input checked="" type="checkbox"/> ✉️    ✎️    👁️
<input checked="" type="checkbox"/>	<b>Concept 2 - Acupuncture Therapy - Version 1</b> Author: MF / Resource: Ovid MEDLINE / Run: 9th June 2022	Second Concept	Permanent	<input checked="" type="checkbox"/> ✉️    ✎️    👁️
<input type="checkbox"/>	<b>Concept 3 - RCTs - Version 1</b> Author: MF / Resource: Ovid MEDLINE / Run: 9th June 2022		Permanent	<input type="checkbox"/> ✉️    ✎️    👁️
<input checked="" type="checkbox"/>	<b>Concept 3 - RCTs - Version 2 - Search Filter</b> Author: Cochrane / Resource: Ovid Tools and Resources Portal / Run: 9th June 2022	Third Concept	Permanent	<input checked="" type="checkbox"/> ✉️    ✎️    👁️

## D. Search Strategy Management

What is it?

- ✓ **Search strategy management** refers to the processes and procedures surrounding the systematic construction of a systematic database search, the recording of the results and the strategy itself as well as storage of the search strategy for subsequent development and re-use.
- ✓ Ovid features and tools enable users to manage and store their search strategies and search results directly on the Ovid platform as well as in their regular workflow applications using familiar, interoperable formats.





## D. Search Strategy Management

Why is it important?

- ✓ **Search strategy management** is important because,
  - a. constructing and developing a search strategy is a time consuming and resource intensive activity involving stepwise actions and incremental development. This however constitutes learning and knowledge gained, that captured through search strategy management can be better used.
  - b. regulators, funding authorities and sponsoring clients usually require evidence of searches conducted, methods used, and results obtained. Proactive and systematic search strategy management provides a foundation for meeting a project's obligations and requirements.

# D. Search Strategy Management

Search strategies can be saved for re-use

**Edit Search History**

Cancel Run Search

#	Searches	Annotations	Actions
1	exp erenumab/		
2	exp erenumab/ae [Adverse Drug Reaction]		

Cancel Run Search

Inline search statements editing.

Editing search statements within the My Workspace environment.

Ovid® Wolters Kluwer

Support & Training Help Feedback Logged in as novartrain Logoff

**Search Journals Books Multimedia My Workspace What's New**

My Searches & Alerts | My eTocs

**Edit Search**

Search Name: Aimovig AE TEST SEARCH

Comment: 25th May 2021




Save Cancel

Set	Search Statement	Annotations	Insert	Edit	Delete
1.	exp erenumab/				
2.	exp erenumab/ae [Adverse Drug Reaction]				

Save Cancel

## D. Search Strategy Management

The default viewing option is Citation View

All  Clear    

**Strategic use of patent opposition safeguard to improve equitable access to innovative health technologies: A case study of CAR T-cell therapy **Kymriah**.**

Abbas MZ  
*Global Public Health*. 1-11, 2020 Oct 08.  
[Journal Article]  
UI: 33031009

**Authors Full Name**  
Abbas, Muhammad Zaheer

[▶ Abstract](#) [Cite](#) [+ Annotate](#)

Citation View

# D. Search Strategy Management

Other options include **Title View** and **Abstract View**

All    Range    Clear   
 =
≡
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   25 Per Page ▾

**Strategic use of patent opposition safeguard to improve equitable access to innovative health technologies: A case study of CAR T-cell therapy **Kymriah**.**  
 Abbas MZ  
*Global Public Health. 1-11, 2020 Oct 08.*  
 [Journal Article]  
 UI: 33031009  
**Authors Full Name**  
 Abbas, Muhammad Zaheer  
 ▶ Abstract    Cite    + Annotate

Citation View

**Strategic use of patent opposition safeguard to improve equitable access to innovative health technologies: A case study of CAR T-cell therapy Kymriah.**  
 Cite    + Annotate

Title View

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**Strategic use of patent opposition safeguard to improve equitable access to innovative health technologies: A case study of CAR T-cell therapy **Kymriah**.**  
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Abstract View

AB Kymriah is an innovative cancer therapy which works by removing disease fighting T-cells from patients, genetically modifying or reprogramming the immune cells to attack cancer, and re-infusing them back into the patients. It treats childhood blood and bone marrow cancer. The cost of this new hope-giving gene therapy is CHF 450,000 per treatment. This exorbitantly high price set by Novartis, in exercise of its exclusive rights resulting from patent protection, undermines the real-world impact of this revolutionary therapy. On December 16, 2019, Novartis relinquished its European patent on Kymriah as a result of a successful patent opposition lodged by 'Public Eye' and 'Medicins du Monde'. This case study of Kymriah highlights the potential role of civil society in improving equitable and affordable access to innovative health technologies by using the procedural safeguard of patent opposition. This study finds that patent opposition is an important policy option to alleviate some of the financial burdens of health systems, especially in the wake of COVID-19.

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Results: 1  
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## D. Search Strategy Management

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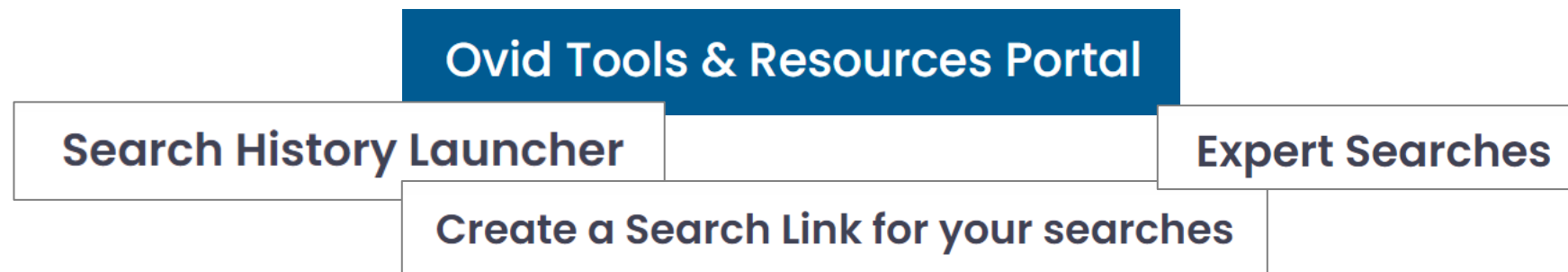
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## E. Search Strategy Sharing

What is it?

- ✓ **Search strategy sharing** refers to the means with which search strategies, whole or in their constituent parts can be shared with colleagues and project sponsors.
- ✓ The Ovid platform provides a variety of inline tools to facilitate the swift sharing and reproduction of search histories. External tools such as the **Ovid Search History Launcher** and **E-mail Jumpstart** enable users to exchange search histories between their local workflow applications.





## E. Search Strategy Sharing

Why is it important?

- ✓ **Search strategy sharing** is important because,
  - a. constructing and developing a search strategy is very much a collaborative activity, involving systematic reviewers, information specialists, clinicians and medical librarians, students and librarians. A robust means of sharing searches helps all the participants save time, facilitates knowledge discovery and increases the reliability of the exchanged information.
  - b. active and regular collaboration at the level of search strategy sharing between researchers, searchers and their guides will help build and strengthen the foundations of data management planning. Foundations whose own constituent parts involve a mixture of processes, procedures, approaches and implementation skills as well as culture change.

# E. Search Strategy Sharing

The whole search or just search blocks can be shared in different ways

☐ 10 3 and 6 and 9 114 Advanced Display Results More ▾

Save Remove Combine with: AND OR

Email All Search History Copy Search History Link Copy Search History Details

**Share Search History** ×

**Recipient(s) Email \***

Add email address

Add multiple emails by separating them with a comma.

**Your Email** **Your Name**

While the email will be sent from Ovid, we will add your name so recipients will know this is from you.

**Email Subject \***

Enter a search title that will help you find this in the future

**Message**

Add a note about this search history

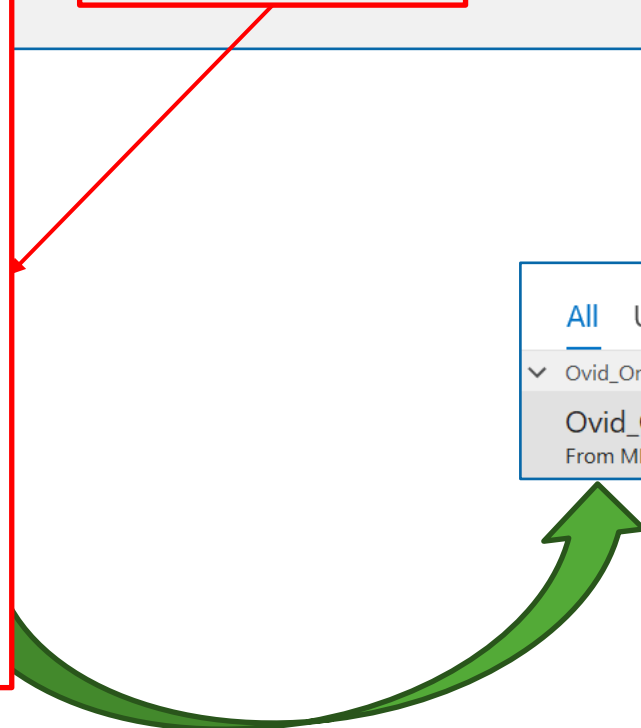
Send Email

All Unread

✓ Ovid\_Online@ovid.com

Ovid\_Online@ovid.com

From MF: "Re. Migraine-Acupuncture-RCTs - Search History"



# E. Search Strategy Sharing



The e-mailed format provides both display and re-use options

**From:** Ovid\_Online@ovid.com <Ovid\_Online@ovid.com>  
**Subject:** From MF: "Re. Migraine-Acupuncture-RCTs - Search History"

**Database:**  
Ovid MEDLINE(R) ALL <1946 to June 10, 2022>

**Link:**

[Click to run search](#)

The above Jumpstart will only work for users who have access to this specific database.

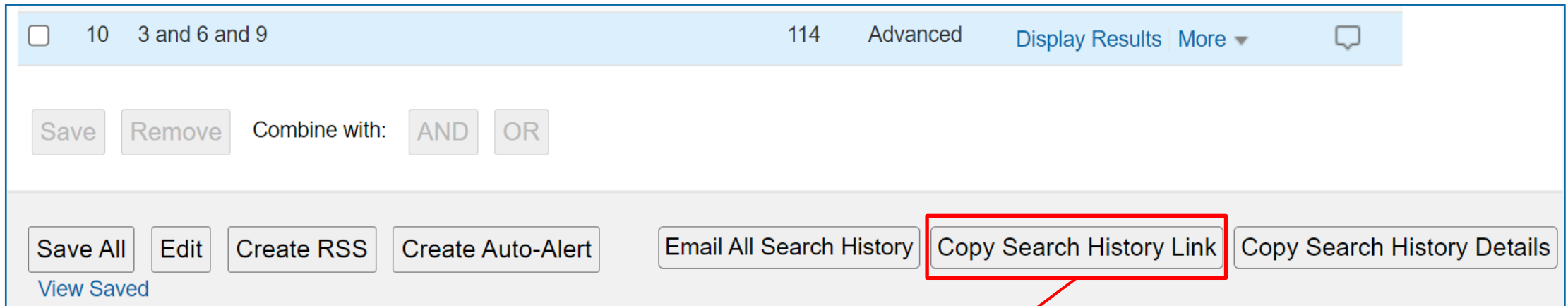
#	Query	Results from 11 Jun 2022
1	exp Migraine Disorders/	30,430
2	(migraine\$ or sick headache\$ or status migrainosus).mp.	44,102
3	1 or 2	44,142
4	exp Acupuncture Therapy/	27,638
5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34,485
6	4 or 5	34,657
7	Randomized Controlled Trial/	570,468
8	randomi#ed controlled trial.mp.	618,103
9	7 or 8	618,103
10	3 and 6 and 9	114

exp Migraine Disorders/  
(migraine\$ or sick headache\$ or status migrainosus).mp.  
1 or 2  
exp Acupuncture Therapy/  
(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.  
4 or 5  
Randomized Controlled Trial/  
randomi#ed controlled trial.mp.  
7 or 8  
3 and 6 and 9

<https://ovidsp.ovid.com/ovidweb.cgi?T=JS&NEWS=N&PAGE=main&SHAREDSEARCHID=T580nlaoA8x7Z1Hk3c6EGpV5dh7JUMBwvVhpLwIKDN1ZkTKg6NQMT7nASXXe8GhJ>

## E. Search Strategy Sharing

The jumpstart link facilitates an easy method of sharing



The screenshot shows the Ovid search interface. At the top, there is a search bar with the text "10 3 and 6 and 9", a result count of "114", and the search mode set to "Advanced". Below the search bar, there are buttons for "Save" and "Remove", and a "Combine with:" section with "AND" and "OR" options. In the main toolbar, several buttons are visible: "Save All", "Edit", "Create RSS", "Create Auto-Alert", "Email All Search History", "Copy Search History Link" (highlighted with a red box), and "Copy Search History Details". A red arrow points from the highlighted button to a URL box below.

<https://ovidsp.ovid.com/ovidweb.cgi?T=JS&NEWS=N&PAGE=main&SHAREDSEARCHID=1rxLdLVDPcsJtoMD46C5VnxHKO3CPvcDF1nrmpfRmkV0WaadTFPbfRuuLzvnGLojc>

# E. Search Strategy Sharing

Search history details can be quickly copied into Notepad or Word

☐ 10 3 and 6 and 9 114 Advanced Display Results More ▾

Save Remove Combine with: AND OR

Save All Edit Create RSS Create Auto-Alert Email All Search History Copy Search History Link Copy Search History Details

View Saved

Ovid MEDLINE(R) ALL <1946 to June 08, 2022>

1	exp Migraine Disorders/	30416
2	(migraine\$ or sick headache\$ or status <u>migrainosus</u> ).mp.	44082
3	1 or 2	44122
4	exp Acupuncture Therapy/	27637
5	(acupuncture <u>therap</u> \$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	34478
6	4 or 5	34650
7	Randomized Controlled Trial/	570220
8	<u>randomi#ed</u> controlled trial.mp.	617796
9	7 or 8	617796
10	3 and 6 and 9	114

## Questions & Answers

*Contact information for further information*



Thank you for your time and attention.

Michael Fanning

Customer Success - Training Manager  
michael.fanning@wolterskluwer.com

# References

Further information on Ovid's Content + Tools + Services portfolio

## Recommended References:

### Re. Product Information:



- [MEDLINE](#)
- [Embase](#)

### Re. Ovid Training:

- [Ovid Product Training](#)
- [Tutorials & Short Demos](#)

### Re. Ovid Help:

- [Ovid Tools & Resources Portal](#)
- [Ovid Customer Support](#)

## Ovid Training & Support Services

**Customer Success**  
Customers are at the centre of everything we do. We measure success by our ability to help advance our customers' work and their professions. We learn from customers and provide solutions that support them best.

24/7

**Contact us today!**

**Main Client Support office:**  
[support@ovid.com](mailto:support@ovid.com)

Europe, Middle East & Africa:  
+44 (0) 203 197 6660 (24hr)

North & South America:  
877 247 OVID (5643)

Australia:  
1 800 246 475

[Phone Technical Support](#)

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