
How to build and share search strategies on Ovid® using concept searching

EMEA Webinar Series
27th July 2023

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Ovid Trainer

 Wolters Kluwer



Itinerary: Today's flight

Welcome

A. Introduction

Overview, orientation

B. Concept Searching

What, how and why?

C. Search Blocks

What, how and why?

Next Flight...



Itinerary: The journey's purpose?

How to create knowledge assets, important and valuable to you and/or your organisation and how to store them in Ovid for use and re-use.

Itinerary: Your journey's guide (24/7)

support@ovid.com

Next flight: References

The Cochrane Handbook for Systematic Reviews of Interventions, Version 6.3, 2022.
<https://training.cochrane.org/handbook/current>

Cochrane Handbook, 4.S1 Technical Supplement to Chapter 4: Searching for and selecting studies
<https://training.cochrane.org/handbook/current/chapter-04-technical-supplement-searching-and-selecting-studies>

JB1 Manual for Evidence Synthesis (2020)
<https://jbi-global-wiki.refined.site/space/MANUAL>

Systematic Reviews CRD's guidance for undertaking reviews in health care (2009)
https://www.york.ac.uk/media/crd/Systematic_Reviews.pdf

Developing NICE guidelines: the manual, Chapter 5: Identifying the evidence: literature searching and evidence submission (2020)
<https://www.nice.org.uk/process/pmg20/chapter/identifying-the-evidence-literature-searching-and-evidence-submission>

Facts and figures about systematic reviews in health care, and the current state-of-affairs (2023)
<https://www.wolterskluwer.com/en/events/facts-and-figures-about-systematic-reviews-in-health-care-and-the-current-state-of-affairs>

55

Next flight: Suggestions

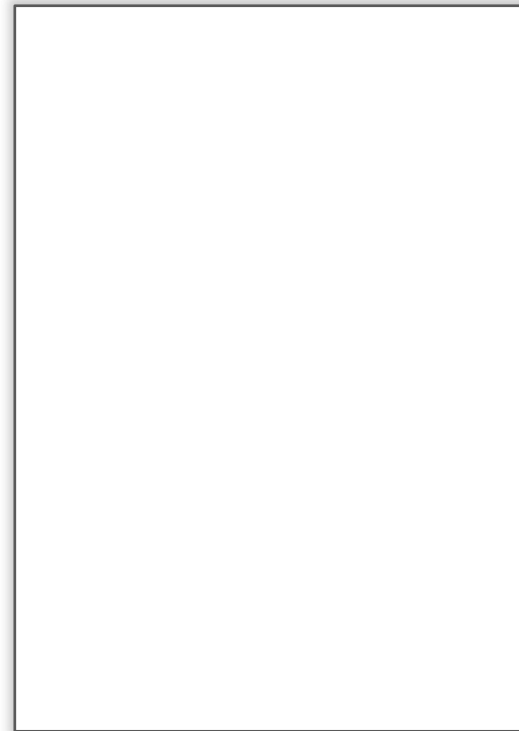
Ovid®

Search Block	Slide No.	Jumpstart Links
Complete Search – All Concepts – All Version 1	9	< Run Search >
Concept 1 – Migraine – Version 1	11	< Run Search >
Concept 2 – Acupuncture – Version 1	11	< Run Search >
Concept 3 – RCTs – Version 1	11	< Run Search >
Concept 3 – RCTs – Version 2 – Search Filter - SIGN	13 & 14	< Run Search >
Concept 3 – RCTs – Version 3 – Search Filter - Cochrane	13 & 14	< Run Search >
Concept Searching: Examples as “donkey bridges”	30	< Run Search >
Concept Searching: Why is it important? (GL Example)	38	< Run Search >
Concept Searching: Why is it important? (KSR Example)	54	< Run Search >

56

A. Introduction: Overview - To the research question...

- ✓ **Trainer Tip:** Start by articulating your ideas for the research question on a blank piece of paper.
- ✓ **Rationale:** You will have more agency over your ideas and their flexibility.
- ✓ **Key Benefits:** Doing so will help you recognise assumptions early on and reduce the likelihood of database bias.



A. Introduction: Overview - The research question



Is acupuncture effective
in the treatment of
migraines?



Find randomized
controlled trials
(RCTs).

A. Introduction: Overview - Identification of concepts



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

Concept

Concept

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

Concept

A. Introduction: Overview - Order and methodology



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

Second Concept

I

First Concept

P

C

O

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

Third Concept

S







A. Introduction: Overview - The search in search blocks

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input checked="" type="checkbox"/>	3	1 or 2	46780	Advanced
<input type="checkbox"/>	4	exp Acupuncture Therapy/	29164	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.	36776	Advanced
<input checked="" type="checkbox"/>	6	4 or 5	36953	Advanced
<input type="checkbox"/>	7	Randomized Controlled Trial/	597030	Advanced
<input type="checkbox"/>	8	randomized controlled trial.mp.	641674	Advanced
<input checked="" type="checkbox"/>	9	7 or 8	641674	Advanced
<input checked="" type="checkbox"/>	10	3 and 6 and 9	121	Advanced

A. Introduction: Overview - Each block, a concept search

	<input type="checkbox"/>	# ▲ Searches	Results	Type	
P	<input type="checkbox"/>	1 exp Migraine Disorders/	31837	Advanced	
	<input type="checkbox"/>	2 (migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced	First Concept
	<input checked="" type="checkbox"/>	3 1 or 2	46780	Advanced	
I	<input type="checkbox"/>	4 exp Acupuncture Therapy/	29164	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.	36776	Advanced	Second Concept
	<input checked="" type="checkbox"/>	6 4 or 5	36953	Advanced	
C	<input type="checkbox"/>	7 Randomized Controlled Trial/	597030	Advanced	
	<input type="checkbox"/>	8 randomized controlled trial.mp.	641674	Advanced	Third Concept
	<input checked="" type="checkbox"/>	9 7 or 8	641674	Advanced	
S	<input checked="" type="checkbox"/>	10 3 and 6 and 9	121	Advanced	

A. Introduction: Overview - Each block, can be saved...

Permanent Searches 56			
<input checked="" type="checkbox"/> Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept	Permanent	   
<input checked="" type="checkbox"/> Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept	Permanent	   
<input checked="" type="checkbox"/> Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Third Concept	Permanent	   

A. Introduction: Overview - Each block, can reviewed...

Permanent Searches 56	
<input checked="" type="checkbox"/> Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept Permanent    
<input checked="" type="checkbox"/> Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept Permanent    
<input checked="" type="checkbox"/> Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Third Concept Permanent    

1. Randomized Controlled Trial/
2. randomized controlled trial.mp.
3. 1 or 2



A. Introduction: Overview - ...and expanded upon...

Permanent Searches		56				
<input checked="" type="checkbox"/>	Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept	Permanent	★	✉	✎
<input checked="" type="checkbox"/>	Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept	Permanent	★	✉	✎
<input type="checkbox"/>	Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023		Permanent	★	✉	✎
<input type="checkbox"/>	Concept 3 - RCTs - Version 2 - Search Filter - SIGN Author: SIGN, Scotland / Resource: The ISSG Search Filter Resource, Randomized Controlled Trials and Other Trials: Filters / Run: 17th July 2023		Permanent	★	✉	✎
<input checked="" type="checkbox"/>	Concept 3 - RCTs - Version 3 - Search Filter - Cochrane Author: Cochrane / Resource: Cochrane Handbook, v.6.3, Tech.Supp 4.S1, page 62, RCT Filter Sensitivity-Precision Maximising / Run: 17th July 2023	Third Concept	Permanent	★	✉	✎

A. Introduction: Overview - ...and run in variations...

Permanent Searches		56				
<input checked="" type="checkbox"/>	Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept	Permanent	★	✉	✎
<input checked="" type="checkbox"/>	Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept	Permanent	★	✉	✎
<input type="checkbox"/>	Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023		Permanent	★	✉	✎
<input type="checkbox"/>	Concept 3 - RCTs - Version 2 - Search Filter - SIGN Author: SIGN, Scotland / Resource: The ISSG Search Filter Resource, Randomized Controlled Trials and Other Trials: Filters / Run: 17th July 2023		Permanent	★	✉	✎
<input checked="" type="checkbox"/>	Concept 3 - RCTs - Version 3 - Search Filter - Cochrane Author: Cochrane / Resource: Cochrane Handbook, v.6.3, Tech.Supp 4.S1, page 62, RCT Filter Sensitivity-Precision Maximising / Run: 17th July 2023	Third Concept	Permanent	★	✉	✎

B. Concept Searching: A three step approach

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 or 2	46780	Advanced

1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



+



B. Concept Searching: Covers variants and sub-concepts

migraine



Name / Term

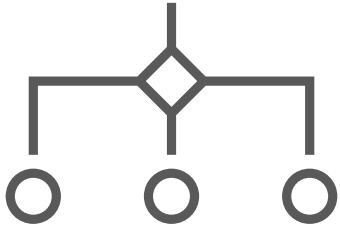
sick headache

Migraine Disorders

status migrainosus



Concept



Sub-concepts

(Narrower Terms)

Controlled Vocabulary

Uncontrolled Vocabulary



B. Concept Searching: Thesauri differ in databases



Database

Thesaurus

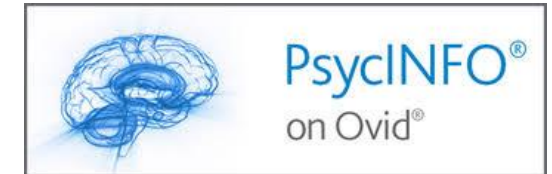
- 30,000 Cross-referenced Terms*
- Term Hierarchies & Relationships
- Scope Notes & Definitions*
- Updated on a Regular Basis

MeSH



Emtree

- 89,000 Cross-referenced Terms*
- Term Hierarchies & Relationships
- Scope Notes & Definitions*
- Updated on a Regular Basis



APA Thesaurus of
Psychological
Index Terms

- 10,000 Cross-referenced Terms*
- Term Hierarchies & Relationships
- Scope Notes & Definitions*
- Updated on a Regular Basis

B. Concept Searching: Thesaurus Search - Variants

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

1 resource selected Hide Change

i Ovid MEDLINE(R) ALL 1946 to July 19, 2023

Keyword Author Title Journal

migraine

Include Multimedia Map Term to Subject Heading

Limits ▾


B. Concept Searching: Thesaurus Search - Variants

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"/>	Migraine Disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	migraine.mp. search as Keyword			



B. Concept Searching: Thesaurus search - Variants

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 these
variations
and synonyms

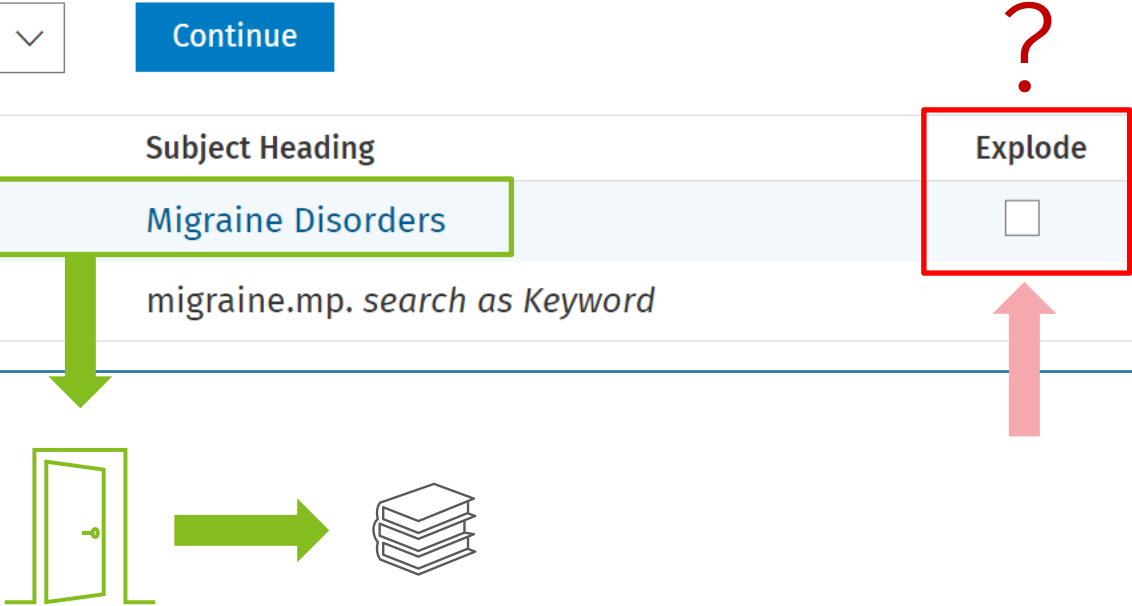
B. Concept Searching: Thesaurus Search - Sub-concepts

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"/>	Migraine Disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="i"/>
<input type="checkbox"/>	migraine.mp. search as Keyword			



B. Concept Searching: Thesaurus Search - Sub-concepts

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

Combine with:

Scroll down for highlighted search term.

Select Term(s)	Subject Heading	Hits	Explode	Focus	Scope Note
[+] <input type="checkbox"/> Anatomy (Non MeSH)					
[+] <input type="checkbox"/> Organisms (Non MeSH)					
[-] <input type="checkbox"/> Diseases (Non MeSH)					
[+] <input type="checkbox"/> Infections					
[+] <input type="checkbox"/> Neoplasms					
[+] <input type="checkbox"/> Musculoskeletal Disorders					
[+] <input type="checkbox"/> Digestive System Disorders					
[+] <input type="checkbox"/> Stomatognathic Disorders					
	[-] <input type="checkbox"/> Headache Disorders	2707	<input type="checkbox"/>	<input type="checkbox"/>	i
	[-] <input type="checkbox"/> Headache Disorders, Primary	972	<input type="checkbox"/>	<input type="checkbox"/>	i
	[-] <input checked="" type="checkbox"/> Migraine Disorders	29602	<input type="checkbox"/>	<input type="checkbox"/>	i
	<input type="checkbox"/> Alice in Wonderland Syndrome <input type="checkbox"/> Migraine with Aura <input type="checkbox"/> Migraine without Aura <input type="checkbox"/> Ophthalmoplegic Migraine	70 2200 893 67	<input type="checkbox"/>	<input type="checkbox"/>	i i i i
	<input type="checkbox"/> Tension-Type Headache	2283	<input type="checkbox"/>	<input type="checkbox"/>	i
	[+] <input type="checkbox"/> Trigeminal Autonomic Cephalalgias	237	<input type="checkbox"/>	<input type="checkbox"/>	i
	[+] <input type="checkbox"/> Headache Disorders, Secondary	823	<input type="checkbox"/>	<input type="checkbox"/>	i

B. Concept Searching: Thesaurus Search - Sub-concepts

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

Combine with:

Scroll down for highlighted search term.

Select Term(s)	Subject Heading	Hits	Explode	Focus	Scope Note
[+] <input type="checkbox"/> Anatomy (Non MeSH)					
[+] <input type="checkbox"/> Organisms (Non MeSH)					
[-] <input type="checkbox"/> Diseases (Non MeSH)					
[+] <input type="checkbox"/> Infections					
[+] <input type="checkbox"/> Neoplasms					
[+] <input type="checkbox"/> Musculoskeletal D					
[+] <input type="checkbox"/> Digestive System					
[+] <input type="checkbox"/> Stomatognathic D					
	[-] <input type="checkbox"/> Headache Disorders	2707	<input type="checkbox"/>	<input type="checkbox"/>	i
	[-] <input type="checkbox"/> Headache Disorders, Primary	972	<input type="checkbox"/>	<input type="checkbox"/>	i
	[-] <input checked="" type="checkbox"/> Migraine Disorders	29602	<input checked="" type="checkbox"/>	<input type="checkbox"/>	i
	<input type="checkbox"/> Alice in Wonderland Syndrome	70	<input type="checkbox"/>	<input type="checkbox"/>	i
	<input type="checkbox"/> Migraine with Aura	2200	<input type="checkbox"/>	<input type="checkbox"/>	i
	<input type="checkbox"/> Migraine without Aura	893	<input type="checkbox"/>	<input type="checkbox"/>	i
	<input type="checkbox"/> Ophthalmoplegic Migraine	67	<input type="checkbox"/>	<input type="checkbox"/>	i
	<input type="checkbox"/> Tension-Type Headache	2283	<input type="checkbox"/>	<input type="checkbox"/>	i
	[+] <input type="checkbox"/> Trigeminal Autonomic Cephalalgias	237	<input type="checkbox"/>	<input type="checkbox"/>	i
	[+] <input type="checkbox"/> Headache Disorders, Secondary	823	<input type="checkbox"/>	<input type="checkbox"/>	i

B. Concept Searching: Thesaurus Search - Sub-concepts

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

Combine with:

Scroll down for highlighted search term.

Select Term(s)	Subject Heading	Hits	Explode	Focus	Scope Note
[+] <input type="checkbox"/> Anatomy (Non MeSH)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[+] <input type="checkbox"/> Organisms (Non MeSH)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[-] <input type="checkbox"/> Diseases (Non MeSH)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[+] <input type="checkbox"/> Infections			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[+] <input type="checkbox"/> Neoplasms			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[+] <input type="checkbox"/> Musculoskeletal Disorders			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[+] <input type="checkbox"/> Digestive System Disorders			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[+] <input type="checkbox"/> Stomatognathic Disorders			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	[-] <input type="checkbox"/> Headache Disorders	2707	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	[-] <input type="checkbox"/> Headache Disorders, Primary	972	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	[-] <input checked="" type="checkbox"/> Migraine Disorders	29602	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Alice in Wonderland Syndrome	70	<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: Line 1 = Variants + Sub-Concepts

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 or 2	46780	Advanced



1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



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B. Concept Searching: And what of line 2...?

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 or 2	46780	Advanced



1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



+



B. Concept Searching: ...this involves free term searching

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 o 3. 1. 2.	46780	Advanced

1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



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B. Concept Searching: 1. Operators and wildcards

Operators

OR	x or y
AND	x and y
NOT	x not y
ADJ	x adj y
ADJn	x adj4 y
FREQ	x.ab./ freq =3

Wildcards

\$	x\$	disease\$
\$	x\$n	dog\$1
#	xx#y	wom#n
?	xx?y	colo?r
"n"	"xyz"	"go/no-go"

 Ovid MEDLINE(R) ALL 1946 to July 20, 2023

Database Field Guide

Menu:
[Fields](#)
[Advanced Searching](#)
[Stopwords](#)

B. Concept Searching: 2. Single fields and combinations


Single Fields

TI depression.ti.
AB depression.ab.
TW depression.tw.
KF depression.kf.
KW depression.kw
IN depression.in.

Field Combinations

TW depression.tw.
TI AB depression.ti,ab.
TI AB KF depression.ti,ab,kf.
AF depression.af.

MP depression.mp.

 Ovid MEDLINE(R) ALL 1946 to July 20, 2023

Database Field Guide

Menu:

[Fields](#)

[Advanced Searching](#)

[Stopwords](#)

B. Concept Searching: Examples as “donkey bridges”

<input type="checkbox"/>	# ▲ Searches	Results	Type	Actions
<input type="checkbox"/>	1 depression.in.	3641	Advanced	Display Results More ▾
<input type="checkbox"/>	2 acupuncture therapy.tw.	1450	Advanced	Display Results More ▾
<input type="checkbox"/>	3 (acupuncture adj therapy).tw.	1450	Advanced	Display Results More ▾
<input type="checkbox"/>	4 (acupuncture adj2 therapy).tw.	2139	Advanced	Display Results More ▾
<input type="checkbox"/>	5 4 not 3	689	Advanced	Display Results More ▾
<input type="checkbox"/>	6 randomized controlled trial.mp.	641782	Advanced	Display Results More ▾
<input type="checkbox"/>	7 randomi#ed controlled trial.mp.	653247	Advanced	Display Results More ▾
<input type="checkbox"/>	8 randomi#ed controlled trial\$.mp.	863667	Advanced	Display Results More ▾
<input type="checkbox"/>	9 (surface learning adj3 deep learning).ti,ab.	9	Advanced	Display Results More ▾
<input type="checkbox"/>	10 PHQ-9.ab. /freq=3	1643	Advanced	Display Results More ▾
<input type="checkbox"/>	11 PHQ-9.ab. /freq=3 and PHQ-15.ab. /freq=3	12	Advanced	Display Results More ▾
<input type="checkbox"/>	12 PHQ-9.ab. /freq=3 and GAD-7.ab. /freq=3	255	Advanced	Display Results More ▾

- Save
- Edit
- Create Auto-Alert
- Create RSS
- Remove

B. Concept Searching: 3. Free terms' sources, a source...

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 these
variations
and synonyms

B. Concept Searching: Wildcards facilitate efficiency

Scope Note for: *Migraine Disorders*

MeSH HEADING: MIGRAINE DISORDERS

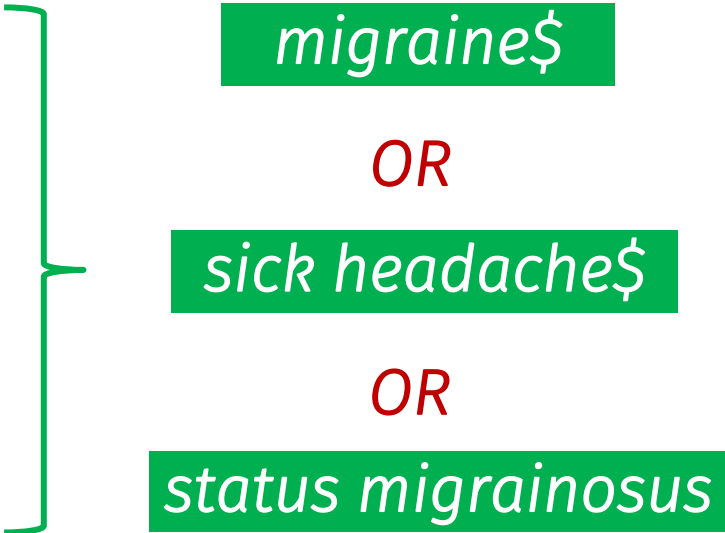
SCOPE: A class of disabling primary headache disorders, characterized by recurrent unilateral pulsatile headaches. The two major subtypes are common migraine (without aura) and classic migraine (with aura or neurological symptoms). (International Classification of Headache Disorders, 2nd ed. Cephalalgia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



B. Concept Searching: Line 2 = Free text search terms

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 or 2	46780	Advanced



1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



+



B. Concept Searching: And what of line 3...?

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 or 2	46780	Advanced



1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



+



B. Concept Searching: “Die Mischung macht’s!”

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced
<input type="checkbox"/>	3	1 or 2	46780	Advanced



1. Thesaurus Search



2. Free Term Search



3. Combination of Thesaurus and Free Term Search



+



B. Concept Searching: Why is it important?

Entry Term:

- diabetes type 2
- niddm



MeSH HEADING:

DIABETES MELLITUS, TYPE 2

✓ Diseases: Includes name variants and abbreviations

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: Why is it important?

Entry Term:

➤ ritalin



MeSH HEADING:
METHYLPHENIDATE

✓ Drugs: Includes name variants code names

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?

✓ Concepts: May have been only recently captured by the thesaurus

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	Gray Literature/ [MF Note: MeSH term since 2019]	67	Advanced
<input type="checkbox"/>	2	gr#y literature.ti,ab,kf.	13282	Advanced
<input type="checkbox"/>	3	gr#y literature\$.ti,ab,kf.	13413	Advanced
<input type="checkbox"/>	4	gr#y literature\$.mp.	13419	Advanced
<input type="checkbox"/>	5	gr#y literature\$.af.	13435	Advanced

B. Concept Searching: Why is it important?

✓ Concepts: *Another resource's conceptual view of your entry term may differ*

Example: Consider the term **multiple sclerosis** as indexed in MeSH compared to Emtree.

Ovid MEDLINE, MeSH Thesaurus

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

Embase on Ovid, Emtree Thesaurus

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

C. Search Blocks: What are they?

- ✓ The expression '**search block**' refers to database search statements, composed of search terms and 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: Possibilities and benefits

- ✓ Search blocks facilitate the re-use of a search strategy and its constituent parts.
- ✓ Search blocks can be used to 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. The blocks and their annotations can be (re-)used in collaborative projects and for peer review.

<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 ✕

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

C. Search Blocks: Are not just for concept searches

✓ Ovid MEDLINE: A search block can indicate the “shape” of the database

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input checked="" type="checkbox"/>	1	docz.dz. [Finds all the records in the database]	35984106	Advanced
<input type="checkbox"/>	2	limit 1 to medline [MEDLINE records in the database]	30632042	Advanced
<input type="checkbox"/>	3	limit 1 to "in data review"	76	Advanced
<input type="checkbox"/>	4	limit 1 to in process	3676	Advanced
<input type="checkbox"/>	5	limit 1 to publisher	318782	Advanced
<input type="checkbox"/>	6	limit 1 to "pubmed not medline"	4998565	Advanced
<input type="checkbox"/>	7	nb\$.bk.	30965	Advanced
<input checked="" type="checkbox"/>	8	2 or 3 or 4 or 5 or 6 or 7	35984106	Advanced

Field:
STATUS
(ST)

85%

C. Search Blocks: How to save them in Ovid

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

The screenshot shows the Ovid Search Builder interface. At the top, the Ovid logo is on the left, and navigation links for 'My Account', 'My PayPerView', 'Help', 'Feedback', and 'Log Off' are in the center. On the right, the user's name 'Michael Fanning' and a profile icon are displayed. Below this is a blue navigation bar with tabs for 'Search', 'Journals', 'Books', 'Multimedia', 'My Workspace', 'Links', 'EBP Tools', and 'What's New'. The 'My Workspace' tab is highlighted with a red box. The main content area shows a 'Search History (3)' section with a 'View Saved' button. Below this is a table with columns for '# Searches', 'Results', 'Type', 'Actions', and 'Annotations'. The table contains three search entries. At the bottom, there are buttons for 'Save', 'Remove', 'Combine with: AND OR', 'Save All', 'Edit', 'Create RSS', 'Create Auto-Alert', 'View Saved', and 'Share Search History'. Several buttons and the 'View Saved' text are highlighted with green boxes.

Ovid® My Account My PayPerView Ovid® Search Builder Help Feedback Log Off Michael Fanning

Search Journals Books Multimedia **My Workspace** Links ▾ EBP Tools ▾ What's New

Search History (3) ^ View Saved ↕

<input type="checkbox"/>	# ▲ Searches	Results	Type	Actions	Annotations
<input type="checkbox"/>	1 exp Migraine Disorders/	31837	Advanced	Display Results More ▾	🗨
<input type="checkbox"/>	2 (migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced	Display Results More ▾	🗨
<input type="checkbox"/>	3 1 or 2	46780	Advanced	Display Results More ▾	🗨

Save Remove Combine with: AND OR

Save All Edit Create RSS Create Auto-Alert View Saved Share Search History


C. Search Blocks: How to save them in Ovid

✓ From **My Workspace** search strategies can be maintained and shared

The screenshot displays the Ovid user interface. At the top, the Ovid logo is on the left, and navigation links for 'My Account', 'My PayPerView', 'Help', 'Feedback', and 'Log Off' are on the right. A user profile for 'Michael Fanning' is shown in the top right corner. Below the navigation bar, the 'My Workspace' tab is highlighted in red. Underneath, the 'My Searches & Alerts' tab is selected and highlighted in green. The main content area shows a summary of search types: 'PERMANENT SEARCHES 56', 'AUTOALERT (SDI) SEARCHES 1', and 'EXPERT SEARCHES 1'. A 'Favorites Only' checkbox is checked. Below this, there are buttons for 'Run', 'Copy', and 'Delete'. A table of 'Permanent Searches' is displayed, with three entries highlighted in green:

Search Name	Status	Actions
<input type="checkbox"/> Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Permanent	★ ✉ ✎ 👁
<input type="checkbox"/> Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Permanent	★ ✉ ✎ 👁
<input type="checkbox"/> Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Permanent	★ ✉ ✎ 👁

C. Search Blocks: How to save them in Ovid

Permanent Searches 56			
<input checked="" type="checkbox"/> Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept	Permanent	   
<input checked="" type="checkbox"/> Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept	Permanent	   
<input checked="" type="checkbox"/> Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Third Concept	Permanent	   

C. Search Blocks: How to save them in Ovid

Permanent Searches 56

<input checked="" type="checkbox"/>	Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept	Permanent	★	✉	✎	👁
<input checked="" type="checkbox"/>	Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept	Permanent	★	✉	✎	👁
<input type="checkbox"/>	Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023		Permanent	★	✉	✎	👁
<input type="checkbox"/>	Concept 3 - RCTs - Version 2 - Search Filter - SIGN Author: SIGN, Scotland / Resource: The ISSG Search Filter Resource, Randomized Controlled Trials and Other Trials: Filters / Run: 17th July 2023		Permanent	★	✉	✎	👁
<input checked="" type="checkbox"/>	Concept 3 - RCTs - Version 3 - Search Filter - Cochrane Author: Cochrane / Resource: Cochrane Handbook, v.6.3, Tech.Supp 4.S1, page 62, RCT Filter Sensitivity-Precision Maximising / Run: 17th July 2023	Third Concept	Permanent	★	✉	✎	👁

↑

C. Search Blocks: How to share them on Ovid

- ✓ Ovid platform provides a variety of external tools and inline tools to facilitate sharing and reproduction of search blocks and strategies

External Tools

Ovid Tools & Resources Portal

<https://tools.ovid.com/ovidtools/>

Search History Launcher

Expert Searches

History Jumpstart



Ovid[®]

Inline Tools

Share Search History

Email All Search History

Copy Search History Link

Copy Search History Details



Ovid[®]

C. Search Blocks: Sharing them on Ovid (Inline 1/3)

The screenshot displays the Ovid search interface. At the top, there are search filters: a checkbox, '10', '3 and 6 and 9', '121', 'Advanced', 'Display Results', 'More', and a chat icon. Below this are buttons for 'Save', 'Remove', 'Combine with: AND OR', and 'Contract'. A 'Share Search History' button is visible in the top right. A red box highlights the 'Share Search History' dialog box, which contains the following fields:

- Recipient(s) Email ***: A text input field with the placeholder 'Add email address' and a note: 'Add multiple emails by separating them with a comma.'
- Your Email** and **Your Name**: Two text input fields. A note below them reads: 'While the email will be sent from Ovid, we will add your name so recipients will know this is from you.'
- Email Subject ***: A text input field with the placeholder 'Enter a search title that will help you find this in the future'.
- Message**: A text area with the placeholder 'Add a note about this search history'.
- Send Email**: A blue button at the bottom right of the dialog.

A red arrow points from the 'Email All Search History' option in the 'Share Search History' dropdown menu to the 'Send Email' button. Another red arrow points from the 'Send Email' button to an email preview box on the right. The email preview shows:

- Buttons for 'All' and 'Unread'.
- A checked checkbox next to the email address 'Ovid_Online@ovid.com'.
- The email address 'Ovid_Online@ovid.com'.
- The subject line: 'From MF: "Re. Migraine-Acupuncture-RCTs - Search History"'

C. Search Blocks: Sharing them on Ovid (Inline 1/3)

From: Ovid_Online@ovid.com <Ovid_Online@ovid.com>

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

Link:

[Click to run search](#)

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

Database:

Ovid MEDLINE(R) ALL <1946 to July 20, 2023>

#	Query	Results from 21 Jul 2023
1	exp Migraine Disorders/	31,837
2	(migraine\$ or sick headache\$ or status <u>migrainosus</u>).mp.	46,741
3	1 or 2	46,786
4	exp Acupuncture Therapy/	29,164
5	(<u>acupuncture therap</u> \$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	36,780
6	4 or 5	36,957
7	Randomized Controlled Trial/	597,090
8	randomized controlled trial.mp.	641,782
9	7 or 8	641,782
10	3 and 6 and 9	121

✓ The e-mailed format provides display options

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.

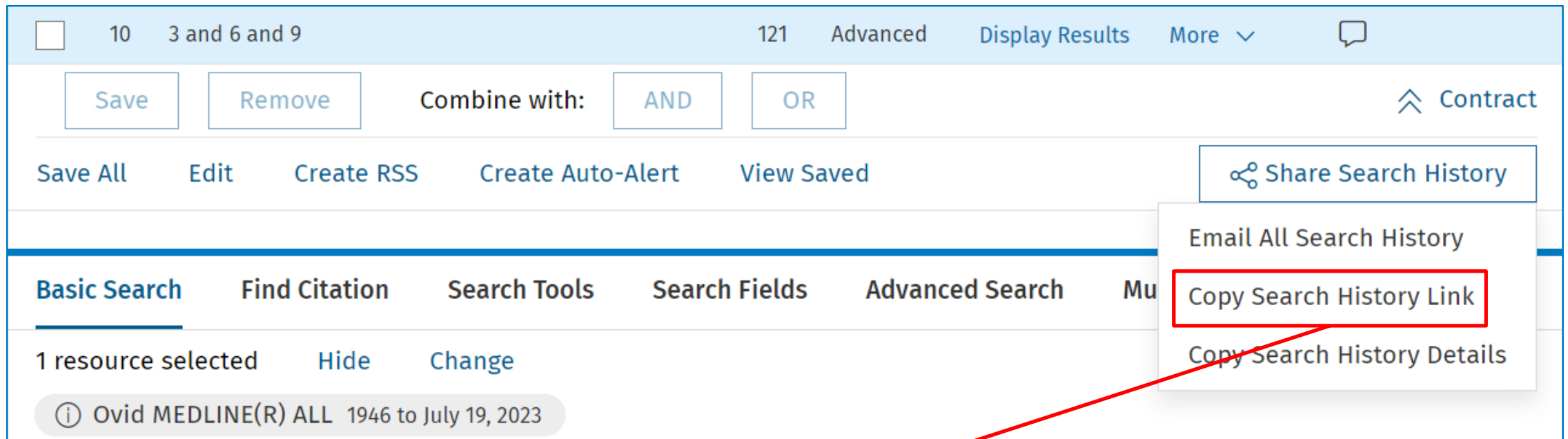
7 or 8

3 and 6 and 9

✓ The e-mailed format provides re-use options

C. Search Blocks: Sharing them on Ovid (Inline 2/3)

✓ The jumpstart link provides a quick and easy method of sharing searches



The screenshot displays the Ovid search interface. At the top, there are search filters: a checkbox, '10', '3 and 6 and 9', '121', 'Advanced', 'Display Results', 'More', and a speech bubble icon. Below this is a toolbar with 'Save', 'Remove', 'Combine with: AND OR', and 'Contract'. A secondary toolbar contains 'Save All', 'Edit', 'Create RSS', 'Create Auto-Alert', and 'View Saved'. A 'Share Search History' button is highlighted with a red box. A dropdown menu is open from this button, containing 'Email All Search History', 'Copy Search History Link' (highlighted with a red box), and 'Copy Search History Details'. A red arrow points from the 'Copy Search History Link' option to the URL box below. The interface also shows 'Basic Search', 'Find Citation', 'Search Tools', 'Search Fields', 'Advanced Search', and 'Mu'. At the bottom, it indicates '1 resource selected' with 'Hide' and 'Change' options, and a search filter 'Ovid MEDLINE(R) ALL 1946 to July 19, 2023'.

<https://ovidsp.ovid.com/ovidweb.cgi?T=JS&NEWS=N&PAGE=main&SHAREDSEARCHID=ouBCTxUaPdKPiicrSAa6fo1XQX1bVbMI2k3ENW8rjSZr1BZ50gXjjaBpwlARQwVZ>

C. Search Blocks: Share them on Ovid (Inline 3/3)

The screenshot shows the Ovid search interface. At the top, there are search filters: a checkbox, '10', '3 and 6 and 9', '121', 'Advanced', 'Display Results', 'More', and a speech bubble icon. Below this is a toolbar with 'Save', 'Remove', 'Combine with: AND OR', and 'Contract'. A secondary toolbar includes 'Save All', 'Edit', 'Create RSS', 'Create Auto-Alert', 'View Saved', and 'Share Search History'. A dropdown menu is open from 'Share Search History', showing options: 'Email All Search History', 'Copy Search History Link', and 'Copy Search History Details' (highlighted with a red box). Below the toolbar are navigation tabs: 'Basic Search', 'Find Citation', 'Search Tools', 'Search Fields', 'Advanced Search', and 'Mu'. A status bar shows '1 resource selected', 'Hide', and 'Change'. At the bottom, a search block is identified as 'Ovid MEDLINE(R) ALL 1946 to July 19, 2023'.

✓ The search history details can be easily copied into **Notepad** or **Word**.

Ovid MEDLINE(R) ALL <1946 to July 19, 2023>		
1	exp Migraine Disorders/	31837
2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735
3	1 or 2	46780
4	exp Acupuncture Therapy/	29164
5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	36776
6	4 or 5	36953
7	Randomized Controlled Trial/	597030
8	randomized controlled trial.mp.	641674
9	7 or 8	641674
10	3 and 6 and 9	121

C. Search Blocks & Sharing: Why is it important?

X Search strategies though documented are difficult to reproduce.



Appendix B2: Search Strategy

Concepts

- Atrial fibrillation
- Education needs/information needs/knowledge gaps/patient education

Database	Keywords
Medline	Atrial Fibrillation/ OR atrial fibrillation.mp. OR (auricular fibrillation) OR (atrium fibrillation) OR Catheter Ablation/ OR electrical ablation/ OR (radiofrequency ablation) OR (pulmonary vein isolation)
AND	Patient Education as Topic/ OR patient education.mp. OR Self-Care/ OR self-care.mp. OR Counseling/ OR counseling.mp. OR exp teaching materials/ OR teaching materials.mp. OR exp Consumer Health Information/ OR consumer health information.mp. OR exp Information Seeking Behavior/ OR information seeking behavior.mp. OR Health Knowledge, Attitudes, Practice/ OR health knowledge, attitudes, practice.mp. OR Self-Management/ OR self-management.mp. OR Health-Communication/ OR health communication.mp. OR information OR information OR health OR education OR education needs OR education OR health OR health OR disease OR disease OR knowledge OR (patient AND understanding AND diagnosis) OR (knowledge AND gaps) OR

	(knowledge AND barriers) OR (information AND gaps) OR (self-management AND education)
PubMed	1. atrial fibrillation[MeSH Terms] OR 2. atrial fibrillation[Title/Abstract] OR 3. auricular fibrillation[Title/Abstract] OR 4. atrium fibrillation[Title/Abstract] OR 5. catheter ablation[MeSH Terms] OR 6. electrical ablation[Title/Abstract] OR 7. catheter ablation[Title/Abstract] OR 8. radiofrequency ablation[Title/Abstract] OR 9. pulmonary vein isolation[Title/Abstract]
AND	1. "Patient Education as Topic"[MeSH Terms] OR 2. "Self-Care"[MeSH Terms] OR 3. "Counseling"[MeSH Terms] OR 4. "Consumer Health Information"[MeSH Terms] OR 5. "Teaching Materials"[MeSH Terms] OR 6. "Information Seeking Behavior"[MeSH Terms] OR 7. "Health Knowledge, Attitudes, Practice"[MeSH Terms] OR 8. "Self-Management"[MeSH Terms] OR 9. "Health Communication"[MeSH Terms] OR 10. patient education[Title/Abstract] OR 11. information needs[Title/Abstract] OR 12. information OR 13. health OR 14. education needs[Title/Abstract] OR 15. education needs assessment[Title/Abstract] OR 16. education OR 17. health OR 18. health OR 19. disease OR 20. disease OR 21. knowledge OR 22. "patient AND understanding" OR 23. "understanding AND diagnosis" OR 24. "knowledge AND gaps" OR 25. "knowledge AND self-management" OR 26. "information AND self-management" OR 27. "self-management AND education"
CINAHL	(MH "Atrial Fibrillation") OR (AB "Atrial Fibrillation") OR (TI "Atrial Fibrillation") OR (AB "auricular fibrillation") OR (TI "auricular fibrillation") OR

	(AB "atrium fibrillation") OR (TI "atrium fibrillation") OR (MH "Catheter Ablation") OR (MH "electrical ablation") OR (TI "electrical ablation") OR (AB "catheter ablation") OR (TI "catheter ablation") OR (AB "radiofrequency ablation") OR (TI "radiofrequency ablation") OR (AB "pulmonary vein isolation") OR (TI "pulmonary vein isolation")
AND	(MH "Patient Education") OR (MH "Self-Care") OR (MH "Teaching Materials") OR (MH "Consumer Health Information") OR (MH "Information Seeking Behavior") OR (MH "Health Knowledge") OR (MH "Self-Management") OR (MH "Information Needs") OR (AB "patient education") OR (AB "information needs") OR (AB "information literacy") OR (AB "health literacy") OR (AB "education needs") OR (AB "education needs assessment") OR (AB "education preference") OR (AB "health communication") OR (AB "health communication") OR (AB "disease knowledge") OR (AB "disease understanding") OR (AB "knowledge gaps") OR (AB "patient AND AB understanding") OR (AB "diagnosis AND AB understanding") OR (AB "knowledge AND AB gaps") OR (AB "knowledge AND AB barriers") OR (AB "information AND AB gaps") OR (AB "self-management AND AB education") OR (TI "patient education") OR (TI "information needs") OR (TI "information literacy") OR (TI "health literacy") OR (TI "education needs") OR (TI "education needs assessment") OR (TI "health communication") OR (TI "health information") OR (TI "health communication") OR (TI "disease knowledge") OR

	(TI "disease understanding") OR (TI "knowledge gaps") OR (TI patient AND TI understanding) OR (TI diagnosis AND TI understanding) OR (TI knowledge AND TI gaps) OR (TI knowledge AND TI barriers) OR (TI information AND TI gaps) OR (TI self-management AND TI education)
Scopus	TITLE-ABS-KEY ("atrial fibrillation" OR "auricular fibrillation" OR "atrium fibrillation" OR "catheter ablation" OR "electrical ablation" OR "radiofrequency ablation" OR "pulmonary vein isolation") AND (TITLE-ABS-KEY ("Patient Education" OR "Self-Care" OR "Counseling" OR "Health Information" OR "Teaching Materials" OR "Information Seeking" OR "Health Knowledge" OR "Self-Management" OR "Health Communication" OR "Information Needs" OR "Information Literacy" OR "Health Literacy" OR "Education Needs" OR "Education Needs Assessment" OR "Education Preference" OR "Disease Knowledge" OR "Disease Understanding" OR "Knowledge Gaps" OR "Patient AND Understanding" OR "Understanding AND Diagnosis" OR "Knowledge AND Gaps" OR "Knowledge AND Barriers" OR "Information AND Gaps")
AND	TITLE-ABS-KEY ("Patient Education" OR "Self-Care" OR "Counseling" OR "Health Information" OR "Teaching Materials" OR "Information Seeking" OR "Health Knowledge" OR "Self-Management" OR "Health Communication" OR "Information Needs" OR "Information Literacy" OR "Health Literacy" OR "Education Needs" OR "Education Needs Assessment" OR "Education Preference" OR "Disease Knowledge" OR "Disease Understanding" OR "Knowledge Gaps" OR "Patient AND Understanding" OR "Understanding AND Diagnosis" OR "Knowledge AND Gaps" OR "Knowledge AND Barriers" OR "Information AND Gaps")
ProQuest	AB, TI (atrial fibrillation) OR (auricular fibrillation) OR (atrium fibrillation) OR (catheter ablation) OR (electrical ablation) OR (radiofrequency ablation) OR (pulmonary vein isolation)
AND	AB, TI (Patient Education) OR (Self Care) OR (Counseling) OR (Health Information) OR (Teaching Materials) OR (Information Seeking) OR (Health Knowledge) OR (Self-Management) OR (Health Communication) OR (Information Needs) OR (Information Literacy) OR (Health Literacy) OR (Education Needs) OR (Education Needs Assessment) OR (Disease Knowledge) OR (Disease Understanding) OR (Knowledge Gaps) OR (Patient AND Understanding) OR (Understanding AND Diagnosis) OR

	(knowledge AND gaps) OR (knowledge AND barriers) OR (information AND gaps)
PsyINFO	1. atrial fibrillation 2. atrial fibrillation 3. auricular fibrillation 4. catheter ablation 5. atrial ablation 6. (electric) adj (ablation) 7. catheter ablation 8. (radiofrequency adj ablation) 9. pulmonary vein isolation 10. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 11. Patient Education as Topic 12. Professional-Patient Relations.mp. or exp Professional-Patient Relations/ 13. health education.mp. or exp Health Education/ 14. consumer satisfaction.mp. or exp Consumer Behavior/ 15. Patient Advocacy/ 16. Patient Participation/ 17. patient compliance.mp. or exp Patient Compliance/ 18. (professional patient communication or physician patient communication or doctor patient communication or nurse patient communication) 19. (professional patient relation: or physician patient relation: or doctor patient relation: or nurse patient relation:) 20. (professional patient interaction or physician patient interaction) 21. (patient physician communication or patient doctor communication or patient nurse communication) 22. (patient professional relation: or patient physician relation: or patient doctor relation: or patient nurse relation:) 23. (patient professional interaction: or patient physician interaction: or patient doctor interaction: or patient nurse interaction:) 24. (adv) adj (patient: or consumer: or health:) 25. (information adj (patient: or consumer: or health:)) 26. (advice adj (patient: or consumer: or health:)) 27. (consumer health information) 28. (shared decision making or informed choice) 29. (shared decision making or informed choice) 30. pamphlets/ or exp teaching materials/ 31. Self-Care 32. Information Dissemination/ 33. Information Services/ 34. Teaching/ 35. 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 36. 10 and 35

C. Search Blocks & Sharing: Why is it important?

X Search strategies are not always documented or referenced!



“ 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. “

C. Search Blocks & Sharing: Why is it important?



X Search strategies not reported may lead to a high risk of bias!

<input type="checkbox"/>	# ▲	Searches	EB Health - KSR Evidence 2015 to 2023 Week 29	Results	Type
<input checked="" type="checkbox"/>	1	docz.dz.	[Finds all the records in the database]	253713	Advanced
<input checked="" type="checkbox"/>	2	limit 1 to (high or low or unclear assessment)	[Assessed for ROB using ROBIS tool]	28507	Advanced
<input type="checkbox"/>	3	("search strategy is not reported" or "search strategy was not reported" or "search strategy not reported" or "search strategy were not reported" or "search strategies were not reported" or "search strategy was not provided" or "review does not report a search strategy" or "review did not report a search strategy" or "article does not report the employed search strategy").af.		11065	Advanced
<input type="checkbox"/>	4	limit 3 to unclear assessment		1023	Advanced
<input type="checkbox"/>	5	limit 3 to low		188	Advanced
<input checked="" type="checkbox"/>	6	limit 3 to high	89%	9854	Advanced
<input checked="" type="checkbox"/>	7	4 or 5 or 6		11065	Advanced

Next flight: References

The Cochrane Handbook for Systematic Reviews of Interventions, Version 6.3, 2022.

<https://training.cochrane.org/handbook/current>

Cochrane Handbook, 4.S1 Technical Supplement to Chapter 4: Searching for and selecting studies

<https://training.cochrane.org/handbook/current/chapter-04-technical-supplement-searching-and-selecting-studies>

JBIC Manual for Evidence Synthesis (2020)

<https://jbi-global-wiki.refined.site/space/MANUAL>

Systematic Reviews CRD's guidance for undertaking reviews in health care (2009)

https://www.york.ac.uk/media/crd/Systematic_Reviews.pdf

Developing NICE guidelines: the manual, Chapter 5: Identifying the evidence: literature searching and evidence submission (2020)

<https://www.nice.org.uk/process/pmg20/chapter/identifying-the-evidence-literature-searching-and-evidence-submission>

Facts and figures about systematic reviews in health care, and the current state-of-affairs (2023)

<https://www.wolterskluwer.com/en/events/facts-and-figures-about-systematic-reviews-in-health-care-and-the-current-state-of-affairs>

Next flight: Suggestions

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Remember: We are just a click away!

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Thank you for listening!

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Here is wishing you
safe travels
and
fruitful future flights!