

### Evidence Based Medicine part 2 .. Doing a Literature Search









# WHICH RESOURCES TO USE

effective search is in selecting the most appropriate ones to find answers to the users query. resources available to search and the key to producing an There are lots of different types of healthcare information

Databases

OpenAthens

https://www.nice.org.uk/about/what-we-do/evidence-services/journals-anddatabases

Home > About > What we do > Evidence Services

## Journals and databases

Provided in partnership by HEE and NICE

Quick access to a range of journals and other evidence-based resources for health and social care staff in England

You'll need an NHS OpenAthens account to access most of these resources.

# Healthcare Databases Advanced Search (HDAS)

journal articles, linked to full text papers where possible. includes Medline, Embase and CINAHL. You can find Search one or more bibliographic databases. This



### EBSCO



NICE Healthcare Databases
Advanced Search

♣ nhssysmassey001 ▼

New Search Strategy

My Search Strategies

Saved Results

Help 🛅 Cookies (1)

Provided in partnership by HEE and NICE

Alerts Import

Health Education England

Welcome to HDAS

Please visit the help file for tips, guides and videos on how the features work

Due to changes made to the databases available in HDAS from 1 April, Health Business Elite (HBE) is no longer available. Please be aware that if you want to the end of June 2019. keep any saved searches and alerts that were carried out in multiple databases including HBE prior to this date, you will need to edit the saved strategy before

08:00-09:00. There could be disruption to services We have been notified by our provider of OpenAthens that there is some planned Authentication Services Maintenance, scheduled for Thursday 23rd May at

## Welcome to HDAS - Healthcare Databases Advanced Search

Introduction

> Frequently Asked Questions

#### Introduction

The Healthcare Databases Advanced Search (HDAS) enables you to search across 9 databases:

- AMED
- BNI
- CINAHL
- EMBASE
- **EMCARE**

HMIC

> Syntax Help: Free-Text

➤ Searching

- PsycINFO Medline
- PubMed

Syntax Errors

Advanced searching

### Evidence-based resources

### **BMJ Best Practice**

A point of care tool. It gives step-by-step guidance on diagnosis, prognosis, prevention and treatment.

#### Cochrane Library

Includes the Cochrane Database of Systematic Reviews, Central Register of Controlled Trials, and Cochrane Clinical Answers.

### Transfusion Evidence Library

Search for high-quality, evidence-based information on all aspects of transfusion medicine.

### Stem Cell Evidence Library

Search for high-quality research relevant to haematopoletic stem cell transplantation.

## Health Research Premium Collection

Search an extensive range of health and social care publications and evidence-based resources.

#### PsycARTICLES

Search full text articles from leading psychology journals.

## **Psychology and Behavioral Sciences Collection**

Search full text journals in psychology and counselling.

New Search Strategy

Help 🗐

Cookies (1)

## Provided in Partnership by HEE and NICE

NICE

Health Education England

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and resolve as soon as possible. We are aware of an issue affecting combined results for Medline searches. We have escalated this at high priority to the providers of this resource to investigate

Log in with your OpenAthens account to access all 9 databases, with links to full text journals where available.

Search

Enter keywords to search PubMed

Search

Databases

Login for all databases

### **OPENATHENS**

# https://openathens.nice.org.uk/

### More information

Your OpenAthens account will let you access a range of resources, including those listed on this page.

Register for OpenAthens

OpenAthens support
Login to OpenAthens

For help and support using the resources listed here, or for Service Directory. You can find details in the Health Library and Information further information, contact your local healthcare library.





# Register for a NHS England OpenAthens account

Already have an account? Login

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Please enter your professional / work / student placement email address

Please enter your name

First name

11

Last name

Please enter your organisation

🛚 e.g. you@your-organisation.org.uk

Start typing and select from the choices given

Full work / placement address

Work telephone number

Please enter the name of your department, ward, GP practice or clinic

Position / job title

e.g. My position

NHS England users. Users from Wales, Scotland and Northern Ireland should access the relevant service using the links below: This registration page can only be used to create OpenAthens accounts for

- Scotland https://www.athensregistration.scot.nhs.uk/
- Wales https://register.athensams.net/cym/
- Northern Ireland http://www.honni.qub.ac.uk/

registering from, you will not automatically be eligible to access online If we do not recognise your email address or the location of where you are decide whether you meet the eligibility criteria. You should if possible: resources. An OpenAthens administrator will assess your details and

- Enter a work email address
- Register from your place of work

If you cannot find the name of your organisation you should try one from the following list and include your region or area of England

- GPs and practice staff
- CCG staff

New Search Strategy

My Search Strategies

Saved Results

Alerts

Import

Help 🛅

Cookies 1

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the end of June 2019. Due to changes made to the databases available in HDAS from 1 April, Health Business Elite (HBE) is no longer available. Please be aware that if you want to keep any saved searches and alerts that were carried out in multiple databases including HBE prior to this date, you will need to edit the saved strategy before

08:00-09:00. There could be disruption to services. We have been notified by our provider of OpenAthens that there is some planned Authentication Services Maintenance, scheduled for Thursday 23rd May at

		Databases	Search
□ PsycINFO	□ EMBASE	☐ Select All	Select databases a
□ PubMed	□ EMCARE	DAMED	Select databases and search, or query thesaurus
	□ HMIC	□ BNI	rus
	□ Medline	CINAHL	Search
			Thesaurus
			٥

## WHICH TO CHOOSE?

- •Medline, Embase, PubMED
- •CINAHL, BNI, EMCARE
- PsycINFOHMIC

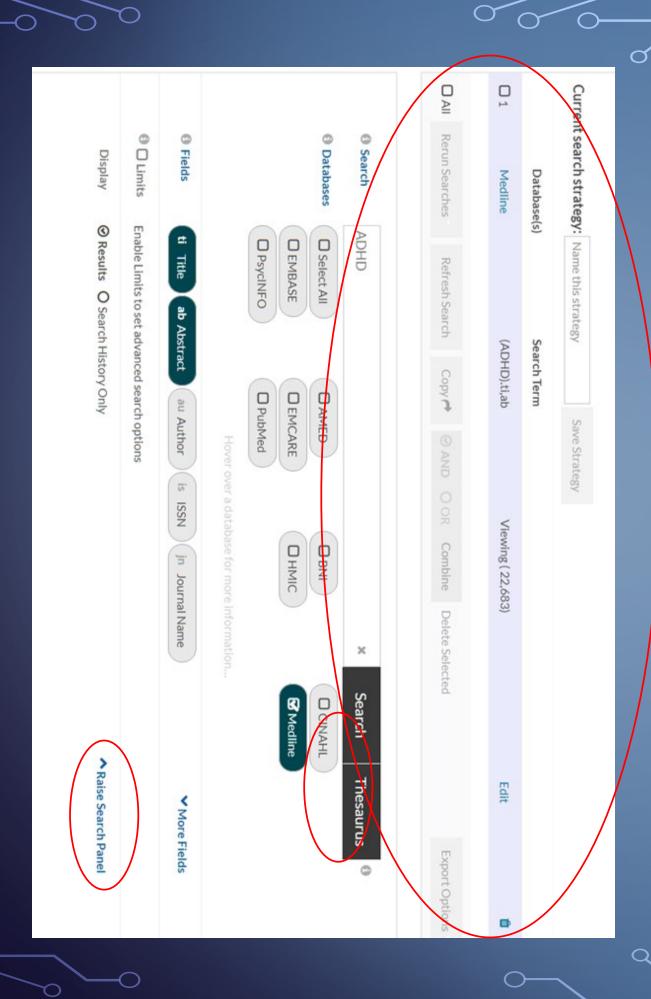
### LIMITATIONS

If you select more than one database to search your searching options are more limited:

You won't be able to use the Thesaurus

There will be fewer fields and limits options available

 You won't be able to combine searches carried out in more than 1 database



### SEARCH SKILLS

- Keyword vs Thesaurus
- Combine
- Thesaurus Tree
- Major, Explode, Subheadings, Scope
- Limits

## KEYWORD SEARCHING

# Paracetamol plus ibuprofen for the treatment of fever in children (PITCH): Randomised controlled trial

Author(s) Hay A.D.; Costelloe C.; Redmond N.M.; Montgomery A.A.; Hollinghurst S. et al.

Source BMJ; Sep 2008; vol. 337 (no. 7672); p. 729-733

Language English

Publication Date Sep 2008

DOI 10.1136/bmj.a1302

ISSN 0959-8146 Database EMBASE

Hide Abstract

consider the relative benefits and risks of using paracetamol plus ibuprofen over 24 hours. Trial registration: Current Controlled Trials ISRCTN26362730. or other symptoms, although power was low for these outcomes. Adverse effects did not differ between groups. Conclusion: Parents, nurses, pharmacists and minutes (2 to 45; P=0.025) faster than paracetamol alone but no faster than ibuprofen alone (-3 minutes, 18 to -24; P=0.8). No benefit was found for discomfort ibuprofen were superiorto paracetamol (4.4 hours, 2.4 to 6.3; P<0.001) and to ibuprofen (2.5 hours, 0.6 to 4.4; P=0.008). Combined therapy cleared fever 23 interval 33 to 77; P<0.001) and may have been as good as ibuprofen (16 minutes, -7 to 39; P=0.2). For less time with fever over 24 hours, paracetamol plus temperature (fever clearance), time without fever over 24 hours, fever associated symptoms, and adverse effects. Results: On an intention to treat basis, and the proportion of children reported as being normal on the discomfort scale at 48 hours. Secondary outcomes were time to first occurrence of normal  $ibuprofen\ alone.\ Main\ outcome\ measures:\ Primary\ outcomes\ were\ the\ time\ without\ fever\ (<37.2 degreeC)\ in\ the\ first\ four\ hours\ after\ the\ first\ dose\ was\ given\ degreeC$ Intervention: Advice on physical measures to reduce temperature and the provision of, and advice to give, paracetamol plus ibuprofen, paracetamol alone, or Objective: To investigate whether paracetamol (acetaminophen) plus ibuprofen are superior to either drug alone for increasing time without fever and the doctors wanting to use medicines to supplement physical measures to maximise the time that children spend without fever should use ibuprofen first and paracetamol plus ibuprofen were superior to paracetamol for less time with fever in the first four hours (adjusted difference 55 minutes, 95% confidence households in England. Participants: Children aged between 6 months and 6 years with axillary temperatures of at least 37.8degreeC and up to 41.0degreeC. relief of fever associated discomfort in febrile children managed at home. Design: Individually randomised, blinded, three arm trial. Setting: Primary care and

# **KEYWORD SEARCHING - ADVANTAGES**

- Undertake a simple, quick search
- Search multiple databases at the same time
- Look for new, emerging concepts where there are no thesaurus
- Distinguish between US/UK spellings
- Focus by looking for keywords in the title field only

### \o FIELDS

												() Fields	<b>9</b> Fields				① Databases	() Search
sl Summary Language ur URL vo Volume yr Year of Publication	pa Part Number   pt Publication Type   pb Publisher   rd Revised Date	ms Molecular Sequence Number of Number of References of Original Title	ji Journal Issue jt Journal Translated Name if Keyword la Language	gi Grant Number ib ISBN in Institution ip Issue Part ja Journa	ec Embase Section Headings ew Entry Week ez Enzyme Commission Numbers	mf Drug Manufacturer tn Drug Trade Names and Manufacturers ed Editors	dp Date of Publication dm Device Manufacturer dv Device Trade Names and Manufacturers	cx Correspondence Address cp Country of Publication do DOI dd Da	cf Conference Information cg Conference Publication co Contributors	bs Book Series bt Book Title rn CAS Registry Numbers cd CODEN	an Accession Number af All Fields ar Article Number auid Author NameID	ti Title ab Abstract au Author is ISSN jn Journal Name	ti Title ab Abstract au Author is ISSN jn Journal Name	Hover over a database for more information	□ PsycINFO □ PubMed	<b>☑</b> EMBASE ☐ EMCARE ☐ HMIC	Select All AMED BNI	ibuprofen
	sh Subject Headings	pp Page	lage	Journal Abbreviation	mbers fi Figure Information	ors en Electronic ISSN	and Manufacturers	dd Date Delivered	cr Copyright	cn Clinical Trial Number	ameID	➤ Fewer Fields	<b>✓</b> More Fields			☐ Medline	CINAHL	Search Thesaurus ①

# HOW DO WE SEARCH USING KEYWORDS?

In young children with a fever is Ibuprofen better than Paracetamol at reducing the fever?

0	$\cap$	_	Р	
Reducing fever	Paracetamol	lbuprofen	Children, fever	Search terms
Temperature, reducing temperature, fever reduction, lowering	Calpol	Brufen, Nurofen, Calprofen	Child, infant, infants, paediatrics, paediatrics, febrile, pyrexia	Synonyms

# EXERCISE 3: KEYWORD SEARCHING

keywords. As a reminder the text words used in the search are below. Access EMBASE and have a go at replicating the demonstration search using

Fever, febrile, pyrexia	Reducing fever	0
Calpol	Paracetamol	0
Brufen, Nurofen, Calprofen	lbuprofen	_
Child, infant, infants, paediatrics, paediatrics, febrile, pyrexia	Children, fever	Р
Synonyms	Search terms	

### COMBINE

₽		Viewing (170)	5 and 6	EMBASE	07
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₽	Edit	View Results (190,955)	(fever).ti,ab	EMBASE	<b>₹</b>
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₽	Edit	View Results (16,381)	(paracetamol).ti,ab	EMBASE	04
₽		View Results (16,445)	(1 OR 2)	EMBASE	□ 3
₽	Edit	View Results (145)	(brufen).ti,ab	EMBASE	02
₽	Edit	View Results (16,381)	(ibuprofen).ti,ab	EMBASE	0
			Search Term	Database(s)	

## COMBINE LIMITATIONS

- Combined rows are coloured green to make them stand out in your search strategy
- You cannot edit a row that is a combination of 2 other rows
- You cannot combine search rows that have been carried out in more than 1 database with any other rows
- You cannot combine search rows carried out in 1 database with rows carried out in a different database
- Generally using OR will increase your results, using AND will decrease them

## **THESAURUS SEARCHING**

3. Paracetamol plus ibuprofen for the treatment of fever in children (PITCH): Randomised controlled trial

Author(s) Hay A.D. (alastair.hay@bristol.acuk); Costelloe C.; Redmond N.M.; Montgomery A.A.; Hollinghurst S.; Peters T.J.; Fletcher M.

Institution(s) (Hay, Costelloe, Redmond, Montgomery, Hollinghurst, Peters) NIHR National School for Primary Care Research, Department of Community Based Medicine, University of Bristol, Bristol BS8 2AA, United Kingdom

(Fletcher) Faculty of Health and Social Care, University of West England, Bristol, United Kingdom

Source BMJ; Sep 2008; vol. 337 (no. 7672); p. 729-733

Language English

Publication Date Sep 2008

Place of Publication United Kingdom

Publisher BMJ Publishing Group (Tavistock Square, London WC1H 9JR, United Kingdom)

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Accession Number 352447893

Embase Accession Number 2008460939

ISSN 0959-8146

PubMed ID 18765450

Publication Type(s) Article

vomiting/si [Side Effect]; \*\*buprofen/ae [Adverse Drug Reaction]; \*\*ibuprofen/ct [Clinical Trial]; \*\*ibuprofen/cb [Drug Combination]; \*\*ibuprofen/do [Drug Dose] tolerability; female; \*fever/dt [Drug Therapy]; human; infant; major clinical study; male; priority journal; randomized controlled trial; rating scale; treatment outcome; Subject Headings article; axilla temperature; child; clinical trial; controlled clinical trial; controlled study; diarrhea/si [Side Effect]; dose response; drug efficacy; drug Dose]; \*paracetamol/dt [Drug Therapy] \*ibuprofen/dt [Drug Therapy]; \*paracetamol/ae [Adverse Drug Reaction]; \*paracetamol/ct [Clinical Trial]; \*paracetamol/cb [Drug Combination]; \*paracetamol/do [Drug

# WHAT DO THESAURUS TERMS DO

- Capture differences in author terminology
- Aim to reflect the content
- •Help to focus a search
- Useful when no abstract is available.

# **HOW DO WE SEARCH USING THESAURUS TERMS?**

DEMO

# EXERCISE 4: THESAURUS SEARCHING

Access EMBASE and have a go at identifying the following terms. Then switch to CINAHL and do the same

- 1. Wound Infection
- 2. Paracetamol
- 3. Whiplash
- 4. Medical Student
- 5. Breast Cancer

# **ANSWERS: THESAURUS SEARCHING ANSWERS**

Bro	Z	€	Pa	inf W	Term	
Breast cancer	Medical student	Whiplash	Paracetamol	Wound infection	rm	
Breast cancer	Medical student	Whiplash injury	Paracetamol	Wound infection	Embase	
Breast neoplasms	Students, medical	Whiplash injuries	Acetaminophen	Wound infection	CINAHL	

### THESAURUS TREE

		$\sim$
	Thesaurus	<b>®</b> Search
diabetes mellitus	Term	diabetes
		×
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		<b>©</b>

0	Select	Select Explode Major Term	Major	Term	Broad	Narrow	Sibling	Used For	Related	Narrow Sibling Used For Related Subheadings Notes	Notes
0				disorders of carbohydrate metabolism						Subheadings Scope	Scope
				pancreas islet disease						Subheadings Scope	Scope
	<b>(</b> )			diabetes mellitus	2	22	9	3		Subheadings Scope	Scope

## SELECT, EXPLODE, MAJOR

Select	Explode
Retrieves records indexed with exactly this term	Retrieves records indexed with this term AND narrower terms
Major	Explode + Major
Retrieves records with this term as a main focus of the study	Retrieves records indexed with this term and other narrower terms that are ALSO the main focus of the study

# EXERCISE 5: SELECT, EXPLODE, MAJOR

	Select	ect			E X	Explode	\ <b>D</b>	
$\times\!\!\times\!\!\times\!\!\times\!\!\times$	Select	Select Explode Major Term	Major	Term	Select	Select Explode Major		Term
XXXXX				disorders of carbohydrate metabolism				disorders of carbohydrate metabolism
****				pancreas islet disease				pancreas islet disease
****				diabetes mellitus				diabetes mellitus
XXXXX	Major	<u>o</u> .			Exp	lode	+	Explode + Major
XXXX	Select	Select Explode Major Term	Major	Term	Select	Select Explode Major		Term
				disorders of carbohydrate metabolism				disorders of carbohydrate metabolism
XXXX				pancreas islet disease				pancreas islet disease
XXXX				diabetes mellitus		<b>(</b> )		diabetes mellitus

# ANSWERS SELECT, EXPLODE, MAJOR

Select	"DIABETES MELLITUS"/	Viewing (490,168)
Explode	exp "DIABETES MELLITUS"/	View Results (817,923)
Major	*"DIABETES MELLITUS"/	View Results (209,709)
Explode + Major	exp *"DIABETES MELLITUS"/	View Results (444,480)

#### SCOPE

### Scope notes for General Surgery

#### Notes

A specialty in which manual or operative procedures are used in the treatment of disease, injuries, or deformities.

#### **Date Notes**

1999

#### **Historical Notes**

2009 (1974)

### Miscellaneous Notes

- Public MeSH Note: 2009; see SURGERY 1974-2008
- Annotation: use for the specialty only; prefer /surg with organs and diseases; use SURGICAL PROCEDURES, OPERATIVE

#### **Related Terms**

Surgical Procedures, Operative

#### **Used For Terms**

Surgery

### SUBHEADINGS

su Surgery th Ti	et Etiology pc P	dm Disease Management	an Drug Analysis	diabetes mellitus
th Therapy t	pc Prevention	$\geq$	cn Congenital Disorder	2
to Drug Toxicity	rh Rehabilitation	dr Drug Resistance	tal Disorder	22
Ĭŧv	litatior	ice	S	9
	rt Radiotherapy	dt Drug Therapy	co Complication	ω
	гару	$\geq$	d:	
	si Side Effect	ep Epidemiology	di Diagnosis	16
	ffect	оду		Scope

# EXERCISE 6: SUBHEADINGS

subheadings and the results of the search the thesaurus heading, the number and name of the all the subheadings around therapy. Make a note of thesaurus term for heart attack. Select and choose In EMBASE, conduct a search looking for the

## **ANSWERS: SUBHEADINGS**

Heart Infarction

- Drug Therapy
- Radiotherapy
- Therapy

Database(s)

**EMBASE** 

Search Term

"HEART INFARCTION"/rt,dt,th

Viewing (39,591)

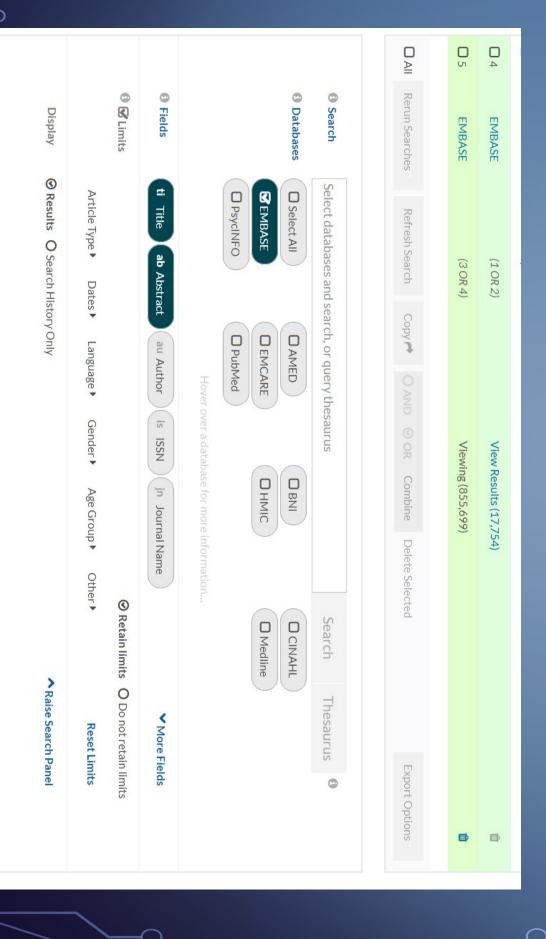
## THESAURUS WHAT IF?

- The term does not map to a relevant thesaurus term?
- You will have to be inventive with keywords
- •There is no explode option?
- Just select the term there is

## **THESAURUS WHAT IF?**

- There is more than one relevant thesaurus term to describe what you are looking for?
- Combine the terms using OR
- What if there is no single thesaurus term to describe your describe what you are looking for? topic but there are 2 thesaurus terms that together
- Select each one then combine with AND

#### LIMITS



#### LIMITS

Display		⊕ <b>©</b> Limits
<b>O Results O</b> Search History Only	Publication Year From 2015 Human Age Groups  Human Age Groups  Adult (18 to 64	Article Type ▶
earch History	Latest Update    blication Year     2015     man Age Groups     Embryo (first trimester)     Adult (18 to 64 years)	Dates
Only	Age	Language▶
	To 2018  Infant (to one year)  Aged (65+ years)	Gender <b>▶</b>
	762	Age Group
	© Child (unspecified age) 2 years) ☑ Adolescen	<b>⊗ Reta</b> Other ►
➤ Raise Search Panel	pecified age)  Adolescent (13 to 17 years)	

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### WHY USE LIMITS?

- Removes irrelevant search results quickly
- Narrows down the search
- Helps speed up the screening of search results

## SEARCH TECHNIQUES

- Which concept to use first
- Phrase searching
- Proximity operators
- Truncation

# WHICH CONCEPT FIRST

lbuprofen

Reducing Fever

Young children with fever

lbuprofen

Paracetamol

Paracetamol

Reducing Fever

Young children with fever

# WHICH CONCEPT FIRST

- P Young children with fever
- l lbuprofen
  C Paracetamol
- O Reducing Fever

# SEARCHING FOR PHRASES

- Use " " to search for phrases
- E.g. "ankle fracture", "heart attack", "cognitive behavioural therapy"

Database(s)	Search Term	
EMBASE	(heart attack).ti,ab	View Results (5,452)
EMBASE	("heart attack").ti,ab	View Results (5,452)
Medline	(heart attack).ti,ab	View Results (6,554)
Medline	("heart attack").ti,ab	View Results (3,817)
CINAHL	(heart attack).ti,ab	View Results (17,107)
CINAHL	("heart attack").ti,ab	Viewing (1,774)

# **PROXIMITY OPERATORS**

What do we mean by proximity operators?

 Searching for terms either adjacent to each other or in close proximity to each other within a set number if terms

How do we search using proximity operators?

Adj/adjn

Search

breast adj3 cancer

K

Search

# PROXIMITY OPERATORS - (ADJ)

Cognitive behavioral therapy	Cognitive behavioural therapy	Cognitive adj3 therapy
<u> </u>	٥ و	0
Pain relating to chronic illness	Chronic lower back pain	Chronic adj3 pain
Cancer of the breast	Breast cancer	Breast adj3 cancer

Do not use "adi" when mapping a term to the thesaurus

#### **TRUNCATION**

What do we mean by truncation?

 Searching on the stem (or root) of a term to identify different word variants (eg singular/plural/related terms)

How do we search using truncation?

 $\bullet *$  or \*n (where n is a number, eg \*3

neurol\*1

### TRUNCATION- (\*)

Child*	Neurol*	Medic*1
Child	Neurology	Medic
Child ren	Neurological	Medics
Childish	Neurologist	
Childhood	Neurologists	NOT Medical
Child like		

Do not use \* when mapping a term to the thesaurus

### OTHER FEATURES

- •Re-order a row
- •Edit a row
- Delete a row
- Copy
- •Re-run
- Refresh Search

### **RE-ORDER A ROW**

#### **EDIT A ROW**

07

Medline

(ADDH).ti,ab

Viewing (176)

Edit

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	□ AMED □ BNI □ CINAHL □ EMBASE □ EMCARE □ HMIC	
	ADDH	
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#### DELETE A ROW

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Refresh Search Copy 🖰	(3 AND 4)	(reduc*).ti,ab	FEVER/	PARACETAMOL/	IBUPROFEN/		Search Term
<b>⊘</b> AND <b>O</b> OR Combine Delete Selected	View Results (20,221)	View Results (3,664,838)	View Results (199,937)	View Results (79,971)	View Results (44,779)	View Results (4)	
Export Options		Edit	Edit	Edit	Edit		
Options		₽	₽	₽	₿	₽	

	Currer	nt search strategy	Current search strategy: Name this strategy	Save Strategy		
		Database(s)	Search Term			
1	<b>Q</b>	Medline	(ADHD).ti,ab		View Results (19,091)	Edit
0	<b>Q</b> 2	Medline	(attention deficit hyperactivity disorder).ti,ab	rder).ti,ab	View Results (19,455)	Edit
1	<b>П</b> 3	Medline	"CONDUCT DISORDER"/		View Results (2,806)	Edit
0	<b>Q</b> 4	Medline	"ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY"/	WITH HYPERACTIVITY"/	View Results (23,410)	Edit
1	<b>5</b>	Medline	(social care).ti,ab		View Results (69,383)	Edit
4	0 6	Medline	(1 OR 2)		Viewing (24,198)	
	O All	Rerun Searches 🕶	Refresh Search Copy 🔿	O AND OOR Combine	Delete Selected	Export Options

#### COPY

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to a new search strategy to Ibuprofen: 6 searches - r to CONGENITAL PSEUDA	Copy 2 searches (1, 2)	Rerun Searches ▼	EMBASE	EMBASE	EMBASE	EMBASE	EMBASE	Saved Results	Database(s)
to a new search strategy to Ibuprofen: 6 searches - modified 28 November, 2017 to CONGENITAL PSEUDARTHROSIS: 8 searches - modified 27 November, 2017		Refresh Search Copy	(3 AND 4)	(reduc*).ti,ab	FEVER/	PARACETAMOL/	IBUPROFEN/		Search Term
ified 27 November, 2017		<b>O</b> AND OOR Combine	View Results (20,221)	View Results (3,664,838)	View Results (199,937)	View Results (79,971)	View Results (44,779)	View Results (4)	
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#### RERUN

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Rerun	□ <u>A</u> II	0	<u>5</u>	4	<u>_</u> 3	<b>D</b> <sub>2</sub>	<b>Q</b>		Curre
Rerun 1 searches (1)	Rerun Searches 🕶	Medline	Medline	Medline	Medline	Medline	Medline	Database(s)	nt search strategy
□ CINAHL □ EMBASE □ HBE □ HMIC □ Medline	Refresh Search Copy → ⊗ AND ○ OR Combine	(1 OR 2)	(social care).ti,ab	"ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY"/	"CONDUCT DISORDER"/	(attention deficit hyperactivity disorder).ti,ab	(ADHD).ti,ab	Search Term	Current search strategy: Name this strategy Save Strategy
□ PsycINFO	Delete Selected	View Results (24,198)	View Results (69,383)	View Results (23,410)	View Results (2,806)	View Results (19,455)	View Results (19,091)		
Rerun Selected	Export Options •		Edit	Edit	Edit	Edit	Edit		
<b>-</b>									

07

**EMBASE** 

(ADHD).ti,ab

Viewing (26,444)

Edit

# RERUNNING COMBINED ROWS

	Current	search strategy:	Current search strategy: Name this strategy Save Strategy			
		Database(s)	Search Term			
1	0	Medline	(ADHD).ti,ab	View Results (19,091)	Edit	₽
1	<b>D</b> 2	Medline	(attention deficit hyperactivity disorder).ti,ab	View Results (19,455)	Edit	₽
4	□ 3	Medline	"CONDUCT DISORDER"/	View Results (2,806)	Edit	₽
4	4	Medline	"ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY"/	View Results (23,410)	Edit	₽
4	<b>0</b> 5	Medline	(social care).ti,ab	View Results (69,383)	Edit	
0	6	Medline	(1 OR 2)	View Results (24,198)		₽
0	<b>0</b> 7	Medline	(5 AND 6)	View Results (194)		₽
4	8	EMBASE	(social care).ti,ab	View Results (5,145)	Edit	₽
4	9	EMBASE	(ADHD).ti,ab	Viewing (26,444)	Edit	₽
4	<b>1</b> 0	EMBASE	(attention deficit hyperactivity disorder).ti,ab	View Results (23,852)	Edit	₽
4	O 11	EMBASE	(9 OR 10)	View Results (32,338)		₽
1	<b>1</b> 2	EMBASE	(8 AND 11)	View Results (12)		₽

### REFRESH SEARCH



# EXERCISE 7: PULLING IT ALL TOGETHER

- Using the knowledge and skills learnt so far, undertake search techniques (eg truncation proximity operators and phrases) on the following topic. a literature search using keywords, thesaurus terms and
- Does cognitive behavioural therapy improve selfesteem in adults with eating disorders?

- EMBASE; "eating disorder\*".ti,ab EMBASE; exp EATING DISORDER/
- EMBASE; anorexi\*.ti,ab
- EMBASE; bulimi\*.ti,ab
- EMBASE; "binge eating".ti,ab
- 6. EMBASE; "appetite disorder\*".ti,ab
- 7. EMBASE; 1 OR 2 OR 3 OR 4 OR 5 OR 6
- 8. EMBASE; exp COGNITIVE THERAPY/
- EMBASE; (Cognitive adj2 therap\*).ti,ab
- EMBASE; (cognitive adj2 treatment\*).ti,ab
- EMBASE; (cognitive adj2 intervention\*).ti,ab
- EMBASE; CBT.ti,ab
- EMBASE; "behaviour\* therap\*".ti,ab
- 14. EMBASE; "behavior\* therap\*".ti,ab
- EMBASE; "behaviour\* psychotherap\*".ti,ab
- EMBASE; "talking therap\*".ti,ab

16. EMBASE; "behavior\* psychotherap\*".ti,ab

- EMBASE; "talking treatment\*".ti,ab
- 19. EMBASE; 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18
- 20. EMBASE; 7 AND 19
- EMBASE; exp SELF ESTEEM/
- EMBASE; exp SELF CONCEPT/

EMBASE; Self-esteem.ti,ab

- EMBASE; self-worth.ti,ab
- EMBASE; self-regard.ti,ab
- EMBASE; self-respect.ti,ab
- EMBASE; self-integrity.ti,ab
- 28. EMBASE; 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27
- 29. EMBASE; 20 AND 28

# **SAVE SEARCH STRATEGY**

Current search strategy: Name this strategy

Save Strategy

Current search strategy: | Ibuprofen

Save Strategy

Current search strategy: Ibuprofen

# RETRIEVING A PREVIOUS SEARCH STRATEGY

New Search Strategy My Search Strategies Saved Results **Alerts** Import Help 🛅 Cookies (1)

Provided in Partnership by HEE and NICE

Health Education England

NICE

possible. We are aware of an issue affecting Medline searches. We have escalated this at high priority to the providers of this resource to investigate and resolve as soon as Please visit the help file for tips, guides and videos on how the features work

Welcome to HDAS

Saved Search Strategies

Search Strategy History

17:21 ☐ Last Used ☐ 28 Nov 17 lbuprofen Searches Results Alerts Databases 9 Saved 0 **EMBASE** Clone

# SEARCH STRATEGY HISTORY

#### Saved Search Strategies

#### Search Strategy History

to keep a strategy permanently then you need to save it. Unsaved strategies are only stored on the system for a limited amount of time. Strategies older than 28 days are automatically deleted by the system. If you want

☐ Last Used		Searches	Saved Results	Databases	
7 Feb 17 - 09:05	Autosaved (121377)	ω	2	Medline	₽
☐ 20 Jan 17 - 12:07	Autosaved (120826)	6	1	Medline, AMED	₽
☐ 20 Jan 17 - 12:06	Autosaved (120824)	6		Medline, AMED	₽
□ 19 Jan 17 - 14:44	Autosaved (120175)	4		CINAHL, Medline, EMBASE	₽
□ 19 Jan 17 - 14:43	Autosaved (120125)	4		CINAHL, Medline, EMBASE	₽
☐ 19 Jan 17 - 10:26	Autosaved (119635)	2		Medline	₽

# **NEW SEARCH STRATEGY**

NICE Healthcare Databases

Advanced Search

New Search Strategy

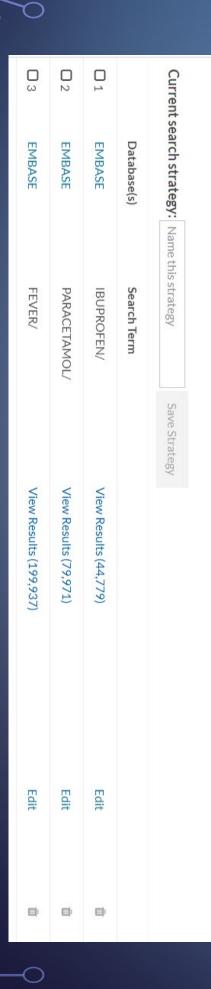
My Search Strategies

Saved Results

Alerts

# **CLONE A SEARCH STRATEGY**

☐ 28 Nov 17 - 17:21	☐ Last Used
lbuprofen	Name
9	Searche
4	Saved s Results
0	Alerts
0 EMBASE	Saved Searches Results Alerts Databases
Clone	)



#### RESULTS

- Viewing results
- •Choosing results

Saving results

Output results

### VIEWING RESULTS

000 All on this page **EMBASE** Add to Saved 7 [Human age groups Infant to one year OR Child unspecified age OR Preschool Child 1 to 6 years OR School Child 7 to 12 years Show Abstracts Titles Only Expand Full-Text View: 10 25 50 100 Sort: Unsorted Viewing (263)

2 ω 4 Ü 6

□ 1. An evaluation of the anti-inflammatory, antipyretic and analgesic effects of hydroethanol leaf extract of albizia zygia in animal

Author(s) Abotsi W.K.M.; Lamptey S.B.; Afrane S.; Boakye-Gyasi E.; Umoh R.U. et al.

Source Pharmaceutical Biology; Jan 2017; vol. 55 (no. 1); p. 338-348

Language English

Publication Date Jan 2017

DOI 10.1080/13880209.2016.1262434

ISSN 1388-0209

Database EMBASE

Show Abstract

Available in full text at Pharmaceutical biology from EBSCO (MEDLINE Complete)

### VIEWING RESULTS

000 All on this page □ 1. An evaluation of the anti-inflammatory, antipyretic and analgesic effects of hydroethanol leaf extract of albizia zygia in animal Database EMBASE DOI 10.1080/13880209.2016.1262434 Publication Date Jan 2017 Source Pharmaceutical Biology; Jan 2017; vol. 55 (no. 1); p. 338-348 Author(s) Abotsi W.K.M.; Lamptey S.B.; Afrane S.; Boakye-Gyasi E.; Umoh R.U. et al. ISSN 1388-0209 Language English Show Abstract **EMBASE** Add to Saved 7 [Human age groups Infant to one year OR Child unspecified age OR Preschool Child 1 to 6 years OR School Child 7 to 12 years Show Abstracts Titles Only 2 ω 4 Ü Expand Full-Text 6 Next > View: 102550 100 (Sort: Unsorted Viewing (263) 

Available in full text at Pharmaceutical biology from EBSCO (MEDLINE Complete)

## VIEWING FULL RECORD

■ 1. The effect of antipyretics on immune response and fever following receipt of inactivated influenza vaccine in young children

Þ

Author(s) Walter E.B. (walte002@mc.duke.edu); McGee C.E.; Todd C.A.; Harrington L.; Hornik C.P.; Grohskopf L.; Museru O.I.; Broder K.R

Institution(s) (Walter, McGee, Todd, Harrington) Duke Human Vaccine Institute, Duke University School of Medicine, Durham, NC, United States (Museru, Broder) Immunization Safety Office, Centers for Disease Control and Prevention (CDC), Atlanta, GA, United States (Grohskopf) Epidemiology and Prevention Branch, Influenza Division, Centers for Disease Control and Prevention, Atlanta, GA, United States (Walter, Hornik) Duke Clinical Research Institute, Department of Pediatrics, Duke University School of Medicine, Durham, NC, United States

Source Vaccine; Dec 2017; vol. 35 (no. 48); p. 6664-6671

Language English

Publication Date Dec 2017

Place of Publication United Kingdom

Publisher Elsevier Ltd

DOI 10.1016/j.vaccine.2017.10.020

Accession Number 618848998

Embase Accession Number 20170736156

Publication Type(s) Article

paracetamol; placebo Subject Headings blood; child; controlled study; drug therapy; female; "fever; hemagglutination inhibition; human; "immune response; "influenza; major clinical study; male; randomized controlled trial; sample size; season; seroconversion; vaccination; "vaccine immunogenicity; antigen; "antipyretic agent; ibuprofen; "influenza vaccine;

Database EMBASE

and every 4-8 h thereafter for 24 h. Blood samples were obtained at enrollment and 4 weeks following the last recommended IIV dose. Responses to IIV were assessed through 47 months. Methods Over the course of three seasons, one hundred forty-two children, receiving either a single or the first of 2 recommended doses of IIV, were Background Antipyretics reduce fever following childhood vaccinations; after inactivated influenza vaccine (IIV) they might ameliorate fever and thereby decrease febrile seizure risk, but also possibly blunt the immune response. We assessed the effect of antipyretics on immune responses and fever following IIV in children ages 6 randomized to receive either oral acetaminophen suspension (n = 59) or placebo (n = 59) (double-blinded) or ibuprofen (n = 24) (open-label) immediately following IIV

### CHOOSING RESULTS

■ 1. The effect of antipyretics on immune response and fever following receipt of inactivated influenza vaccine in young children

Source Vaccine; Dec 2017; vol. 35 (no. 48); p. 6664-6671

Author(s) Walter E.B.; McGee C.E.; Todd C.A.; Harrington L.; Hornik C.P. et al.

Language English

Publication Date Dec 2017

DOI 10.1016/j.vaccine.2017.10.020

ISSN 0264-410X

**Database EMBASE** 

Show Abstract

Available at Vaccine from ProQuest (Hospital Premium Collection) - NHS Version

### 2. An approach to the child in respiratory distress

Author(s) Jeena P.M.

Source South African Family Practice; 2008; vol. 50 (no. 3); p. 32-37

Language English

Publication Date 2008

ISSN 2078-6190

Database EMBASE

Show Abstract

### SAVING RESULTS

**EMBASE** 

12.85 seconds 4/263

☐ All on this page

Add 4 to Saved

Show Abstracts Titles Only

Expand Full-Text

3 Next >

3 Next >

Show Abstracts Titles Only

All on this page

Add 4 to Saved

Expand Full-Text

# **ACCESSING SAVED RESULTS**

Currents	Current search strategy: lbuprofen	1				
	Database(s)	Search Term				
	Saved Results		View Results (4)			₽
0 1	EMBASE	IBUPROFEN/	View Results (44,779)	Edit	•	₽
02	EMBASE	PARACETAMOL/	View Results (79,971)	Edit	•	₽
3	EMBASE	FEVER/	View Results (199,937)	Edit	•	₽

	NICE
New Search Strategy My Search Strategies Saved Results Alerts Import	

#### Welcome to HDAS

Please visit the help file for tips, guides and videos on how the features work

We are aware of an issue affecting Medline searches. We have escalated this at high priority to the providers of this resource to investigate and resolve as soon as

Results saved (4)	lbuprofen	28 Nov 17 - 17:01
Number of Results	Search Strategy Name	Saved Date
		Saved Results

#### DEDUPLICATION

570 saved results on search strategy: ADHD training materials

6 of your saved results have duplicate entries.

Viewing all results. View only the 6 results with duplicate entries

All on this page

Delete Selected

Show Abstracts Titles Only

Expand Full-Text

clinical profiles in adult women 17. Delineating ADHD and bipolar disorder: A comparison of

Author(s) Kitsune G.L.; Kuntsi J.; Costello H.; McLoughlin G.; Asherson P. et

Source Journal of Affective Disorders; Mar 2016; vol. 192; p. 125-133

Publication Date Mar 2016

DOI 10.1016/j.jad.2015.12.024

ISSN 0165-0327

Database EMBASE

Show Abstract

□ Duplicate: Delineating ADHD and bipolar disorder: A comparisor

of clinical profiles in adult women.

Hosang, Georgina Met al. Author(s) Kitsune, Glenn L; Kuntsi, Jonna; Costello, Helen; Frangou, Sophia;

Publication Date Mar 2016 Source Journal of affective disorders; Mar 2016; vol. 192; p. 125-133

DOI 10.1016/j.jad.2015.12.024

ISSN 1573-2517

Database Medline

Show Abstract

Hide 1 Duplicates

☐ All on this page

Select Only Duplicates

Delete Selected

Show Abstracts Titles Only

Expand Full-Text

#### DEDUPLICATION

570 saved results on search strategy: ADHD training materials

6 of your saved results have duplicate entries.

Viewing all results. View only the 6 results with duplicate entries

All on this page

Delete Selected

Show Abstracts Titles Only

Expand Full-Text

clinical profiles in adult women 17. Delineating ADHD and bipolar disorder: A comparison of

Author(s) Kitsune G.L.; Kuntsi J.; Costello H.; McLoughlin G.; Asherson P. et

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Publication Date Mar 2016 Source Journal of affective disorders; Mar 2016; vol. 192; p. 125-133

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ISSN 1573-2517

Database Medline

Show Abstract

Hide 1 Duplicates

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Select Only Duplicates

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Expand Full-Text

# **OUTPUT YOUR RESULTS**

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	Email Results ▼	812.	Delete Selected
			Export Options •

Change Selection:

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1-500

# **OUTPUT YOUR RESULTS**



#### **ALERTS**

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□ 8 EMBASE

School Child 7 to 12 years]

7 [Human age groups Infant to one year OR Child unspecified age OR Preschool Child 1 to 6 years OR

View Results (263)

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#### **ALERTS**

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□ 8 EMBASE

School Child 7 to 12 years]

7 [Human age groups Infant to one year OR Child unspecified age OR Preschool Child 1 to 6 years OR

View Results (263)

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#### **LOGGING OUT**



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nformation will remain active on this machine.



Q



### Critical Appraisal Evidence Based Medicine part 3 ..







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clicking the Or book a training session by button

