



Embase

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What is Embase?

What is Embase?

A biomedical literature database with the most comprehensive journal and conference coverage and indexing

Content: Be confident you aren't missing important information

Find all relevant articles that may not otherwise be found by using alternative databases

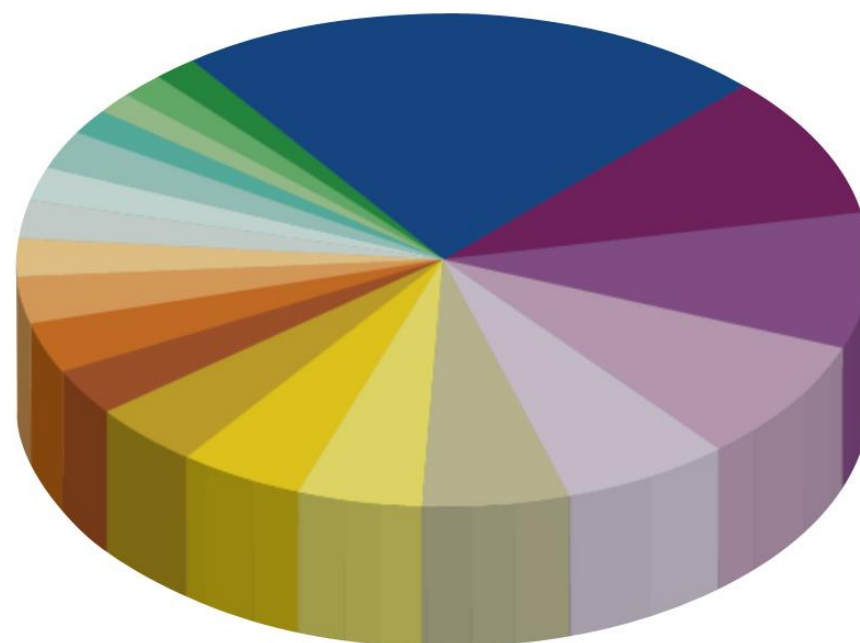
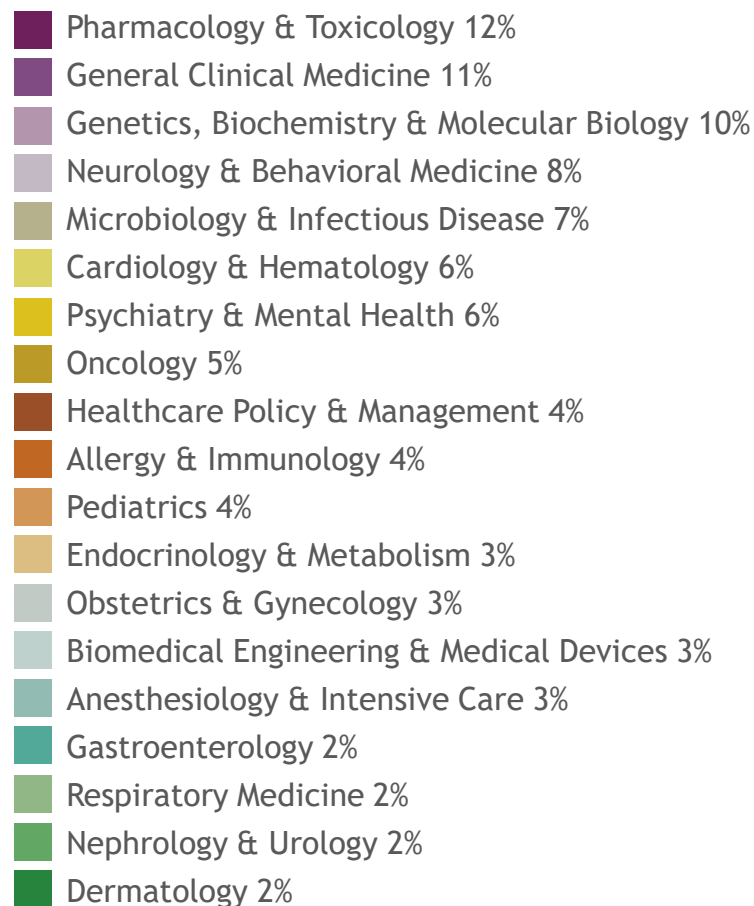
Deep full-text indexing: Find relevant articles, no matter where a term is mentioned

All relevant, up-to-date, biomedical information from the research literature

Precise retrieval: Pinpoint the most relevant results

Deep and focused research using the most powerful retrieval tools

Embase focuses on biomedical literature in key areas for disease, drug and medical device research



Other topics 28%
Including public health, basic biomedical science and topics included from MEDLINE

How does Embase work?

...by including literature and information resources in a **timely manner**

Conference proceedings



Scientific Journals



In Press (unpublished)



We make sure you don't miss any biomedical literature

...by reading full-text to **identify drugs, diseases, adverse affects, clinical trials, drug trade names, etc.**

Deep indexing using own taxonomy (EMTREE)

The only close alternative is reading all the articles

...by enabling advanced search filters to **drill down** a comprehensive search to a relevant and manageable record set

Very powerful search environment

Good precision and recall balance

...by allowing users to **automate searching** and result management



E-mail Alerting



API

QUOSA™

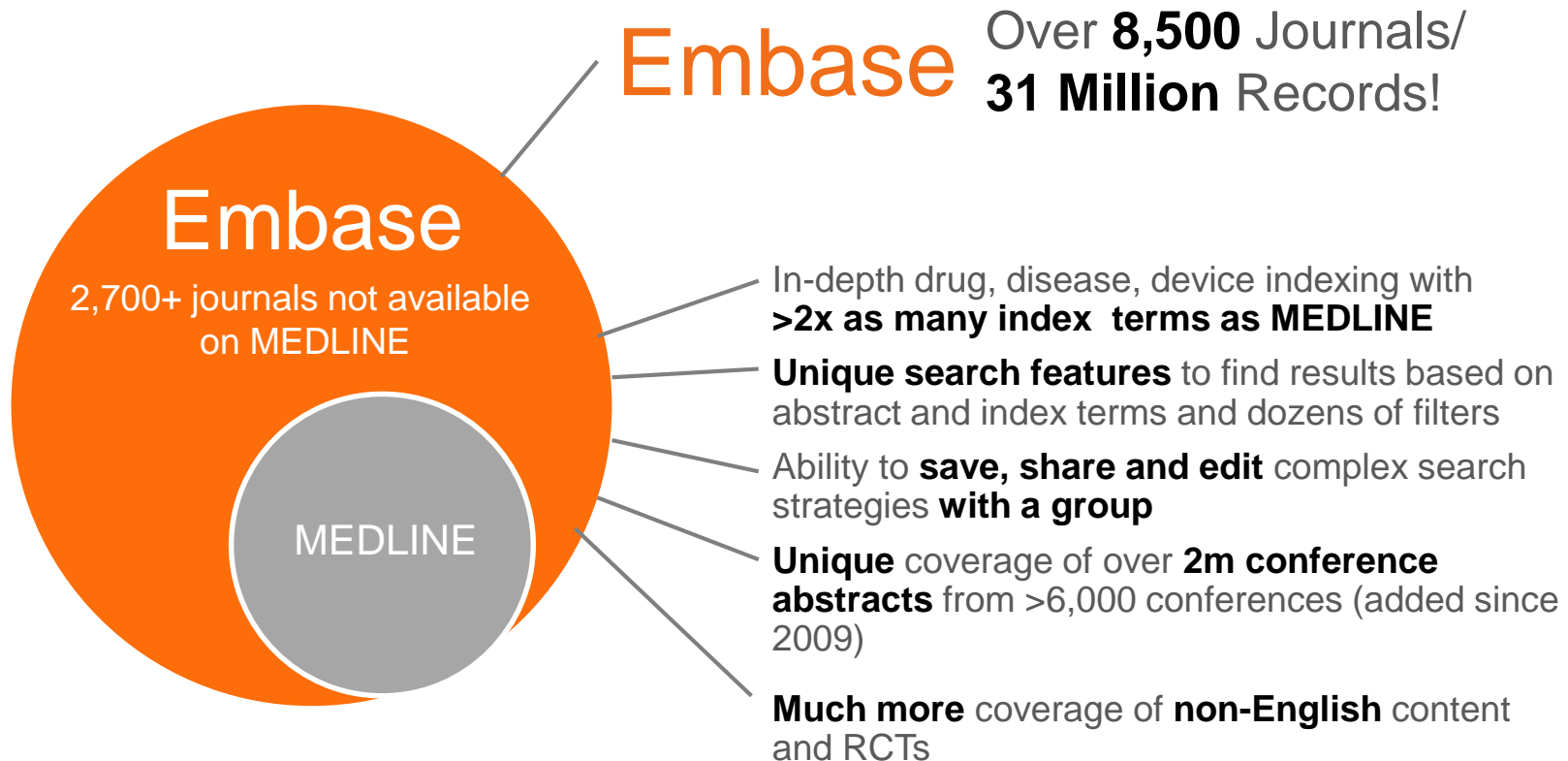
Interoperability

Automation and documentation



Coverage

With Embase critical information isn't missed — Includes all of MEDLINE (PubMed) plus much more



Embase is Internationally Recognized and Recommended

More non-English content supports comprehensive SRs

Language	Embase (per year) *	MEDLINE (per year) *	Unique in Embase
English **	877,186 (90%)	664,207 (92%)	213,000
Chinese	27,861 (2.9%)	11,523 (2.2%)	16,300
German	17,051 (1.7%)	7,421 (1.0%)	9,600
French	13,491	8,469	5,000
Spanish	12,582	6,839	5,700
Japanese	7,762	5,761	2,000
Russian	6,275	6,094	200
Portuguese	4,918	3,560	1,400
Polish	3,479	1,791	1,700
Turkish	3,264	545	2,700
Italian	2,880	1,522	1,400
Dutch	2,618	899	1,700
Czech	1,557 (0.16%)	585 (0.08%)	1,000

More randomized controlled trials

Embase has more randomized controlled trial reports — a key study type for SRs — than MEDLINE, especially in non-English languages

Language	Embase on Elsevier	MEDLINE on Ovid	Embase Advantage	Percent
Turkish	613	75	538	717%
Korean	134	46	88	191%
Portuguese	712	442	270	61%
Dutch	606	442	164	37%
Chinese	5366	3945	1421	36%
Polish	491	434	57	13%
Spanish	2316	2137	179	8%
French	3952	3904	48	1%
German	8393	8566	-173	-2%

Apply limits and filters to investigate data for Evidence-Based Medicine

Advanced Search

Search

Mapping

Date

Fields

Sources

Quick limits

EBM

Pub. ty

Evidence Based Medicine

☐ Cochrane Review

☐ Systematic Review

☐ Controlled Clinical Trial

☐ Randomized Controlled Trial

☐ Meta Analysis

DRUG	
DISEASE	
MEDICAL DEVICE	
STUDY TYPE	
<input type="checkbox"/> human	71328
<input type="checkbox"/> controlled study	20503
<input type="checkbox"/> clinical trial	16787
<input type="checkbox"/> major clinical study	16441
<input type="checkbox"/> nonhuman	10985
<input type="checkbox"/> case report	9424
<input type="checkbox"/> animal experiment	5725
<input type="checkbox"/> clinical article	5616
<input type="checkbox"/> randomized controlled trial	5161
<input type="checkbox"/> controlled clinical trial	5116
Display: 10 20 max	
Export	
JOURNAL TITLE	
PUBLICATION TYPE	

Indexing

Embase indexing – What is Emtree?

Easy to search

- Over **73,000** preferred terms and more than **310,000** synonyms that map to the preferred term when searched

Comprehensive drug and Medical Device searching

- Chemical names, trade names, laboratory/research codes, and more than **31,000** generic drugs and chemicals (FDA, EMEA and WHO)
- Over **3,000** specific terms for general and medical devices (e.g. endoscopes, catheters, prostheses) as well as several thousand terms for related medical procedures, (e.g. endoscopy, catheterization)

Up-to-date

- The latest drugs, diseases, organisms and procedures are indexed and added **3x** per year (with back-posting of older records). Includes all drug generic names described by FDA and EMA, all International Non-Proprietary Names (INNs) described by WHO from 2000

Inclusive terminology

- All MeSH terms, with links to more than **23,000** CAS registry numbers

Indexing: subheadings

Subheadings are Emtree terms that are also used as **concept qualifiers** for drugs, diseases and devices to refine their meaning, **providing a very precise idea of what an article covers.**

Nine subheadings are denoted ***key subheadings***.

Term	Key Subheading
drug	adverse drug reaction
drug	drug combination
drug	drug comparison
drug	drug interaction
drug	drug therapy
device	adverse device effect
device	device comparison
disease	drug therapy
disease	side effect

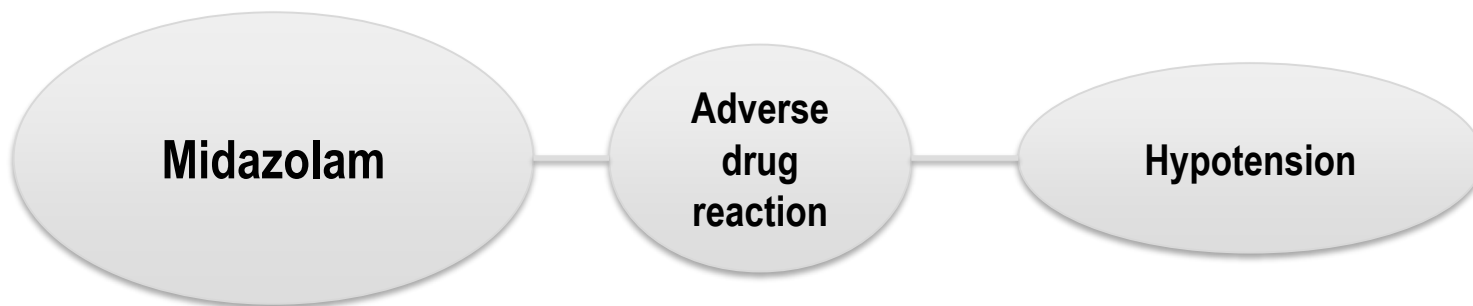
**Important
Definition**

Indexing: triple-linking

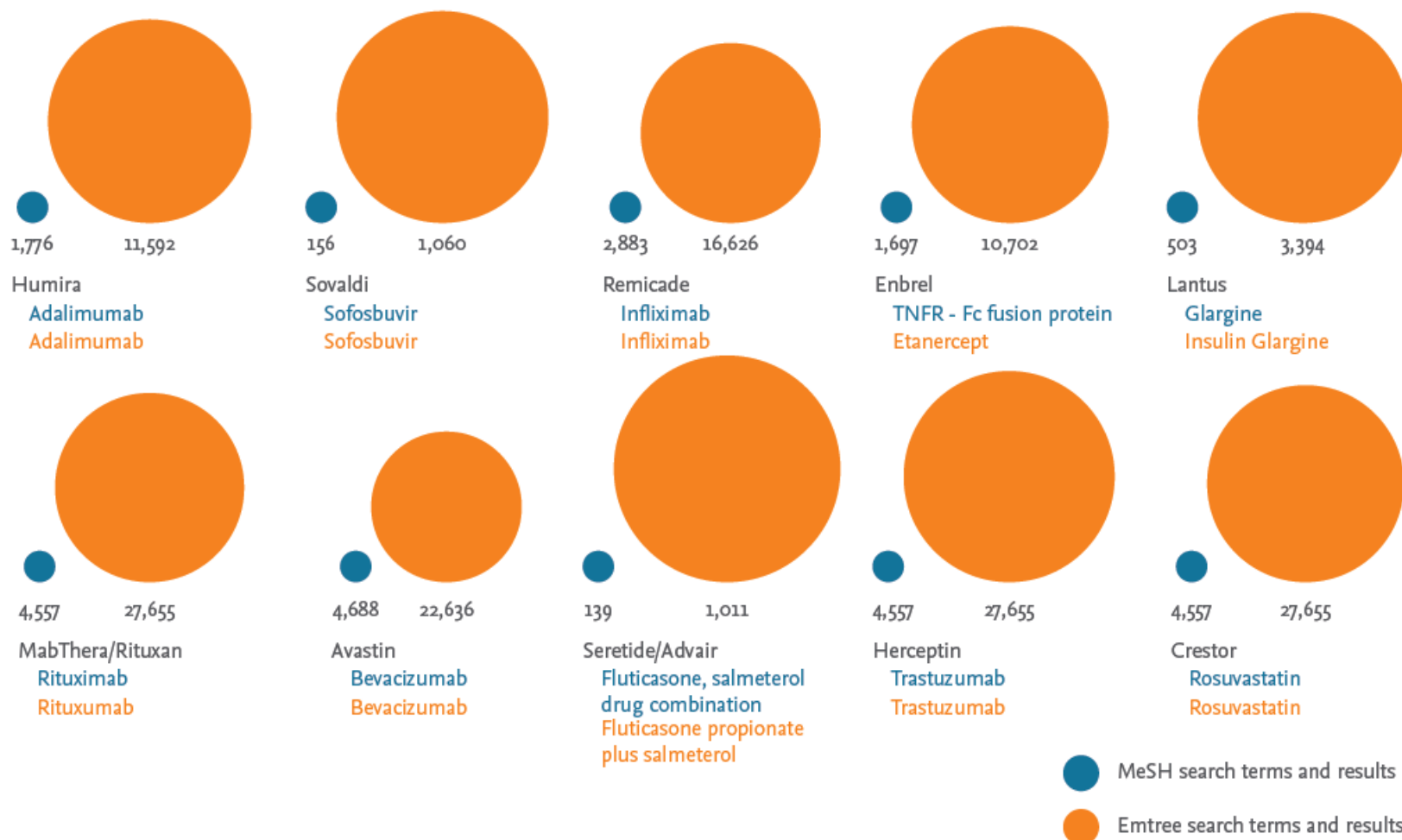
Triple-indexing is three level indexing of the full text of an article.

It consists of:

- Term (drug or disease)
- Key subheading (**relationship**)
- Linked terms (e.g. stomatitis, hypertension, stroke, nausea, etc.)



More comprehensive content and Deeper Indexing Leads to More Results



PICO Search

Using the PICO framework to structure a question

P = Patient

I = Intervention

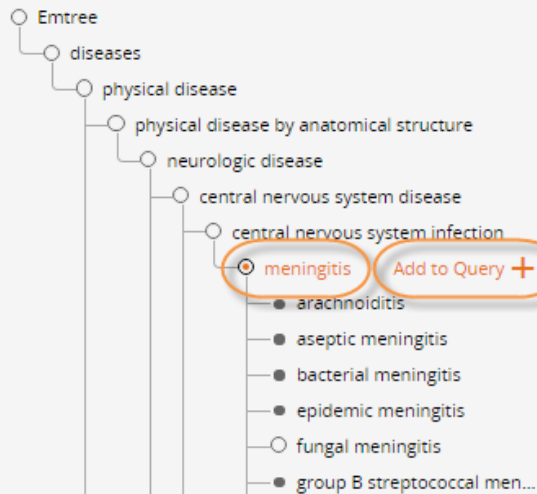
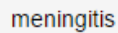
C = Comparison/control

O = Outcome

PICO is a method of putting together a search strategy that allows you to take a more evidence-based approach to literature searching



Embase®



Translate your medical questions into search queries

Population

Intervention

Comparison

Outcome

Embase®

Find best term

meningitis

☐ Emtree

- physical disease

/br - search strategy

Maps, explodes and searches your term as free text in all fields

○ /m

Major focus

20400 Results

○ /d/

Index term

43494 Results

○ /e/

Explosion


91230 Results

 [/b/](#)

Broad

103898 Results

[+ Add Synonyms](#)

Remove Token 

- *Haemophilus meningitis*

- lymphocytic choriomeningitis

- meningoencephalitis

Add synonyms in a single step

The image shows a sequence of three overlapping screenshots of the Embase PICO Search interface, illustrating how to add synonyms in a single step.

Background Screenshot (Left): Shows the '5 Synonyms for meningitis' panel with a list of terms and toggle switches:

- leptospirotic meningitis (on)
- meningeal inflammation (on)
- meningitis (on)
- meningitis, recurrent (off)
- perimeningeal infections (on)
- recurrent meningitis (on)

Middle Screenshot: Shows the '6 Synonyms' panel, which is identical to the background one but with an additional synonym added (though not clearly visible in the list).

Foreground Screenshot (Right): Shows the 'PICO Search' interface with the 'Population' field containing 'meningitis /br' and a dropdown menu open showing the search strategy options:

- ☐ :ti title 5,000 Results
- ☐ :ab abstract 10,000 Results
- ☐ :ti,ab title or abstract 50,000 Results
- ☒ :all all 100,000 Results

At the bottom right of the dropdown menu is a 'Remove Token' button with a red 'X' icon.

Combine queries

Embase automatically adds the **OR** connector (Boolean operator) between terms *within* an individual PICO element.

The Boolean **AND** operator will be used to combine search terms/strategies *between* the different elements.

While a search is being built, Embase calculates the number of results and displays the number in the lower right-corner of the page.

PICO Search

Translate your medical questions into search queries

Population

bacterial meningitis /br + 8 Synonyms :all or Haemophilus meningitis /br + 6 Synonyms :all or

pneumococcal meningitis /br + 4 Synonyms :all

Clear Field

Intervention

antibiotic* :all

Clear Field

Comparison

Clear Field

Outcome

Clear Field

Reset Query

Show 43 Results

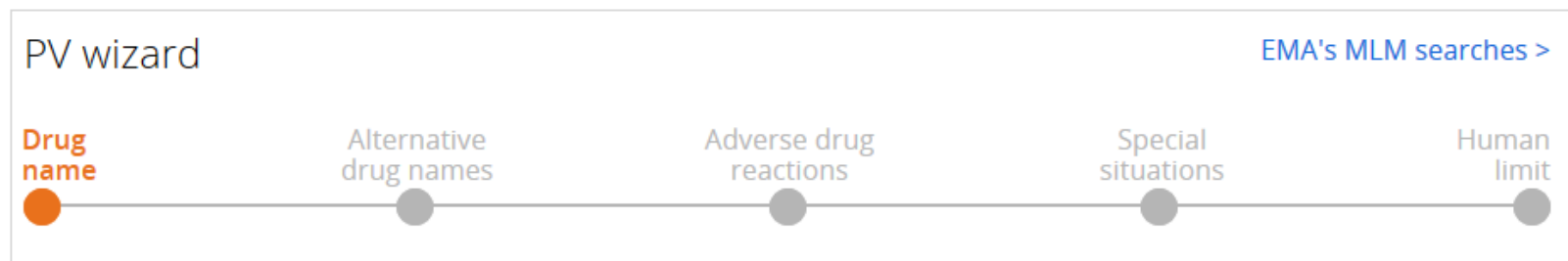


PV Wizard

PV Wizard – Query Builder for Pharmacovigilance

PV Wizard is an easy-to-use query builder that contains a pre-coded PV search strategy constructed in consultation with pharma industry partners.

The main goal with PV Wizard is to simplify pharmacovigilance workflows by ensuring that even beginners can quickly build complex search strategies.



PV Search Strategy



Recall 100%

'paracetamol'/**drug toxicity**,'drug interaction','adverse drug reaction'

OR ('paracetamol':**de** OR '4 acetamidophenol':**tn,ab,ti** OR '4 acetaminophenol':**tn,ab,ti** OR '4 acetylamino-phenol':**tn,ab,ti**...

AND ('adverse drug reaction'/**exp** OR adverse:de,ab,ti OR ((side OR undesirable OR unwanted) **NEXT/2** (effect* OR reaction* OR event* OR outcome*)):de,ab,ti OR 'side effect'/exp OR 'complication'/exp OR complication*:de,ab,ti OR 'case report*':de,ab,ti ...

OR 'pregnancy'/exp OR pregnant*:de,ab,ti OR pregnanc*:de,ab,ti OR 'pregnancy complication'/exp OR 'pregnancy disorder'/exp OR 'abortion'/exp OR 'abortion':de,ab,ti OR...))

AND ('human'/exp OR human OR m?n OR wom?n OR child OR boy OR girl)

*Drug
subheadings*

*Drug name
and variants*

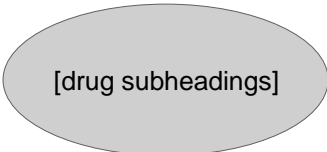
*Adverse drug
reaction concept*

*Special
situations*

Human limit

PV Search Strategy

Part 1: Drug subheadings



[drug subheadings]

Search example:

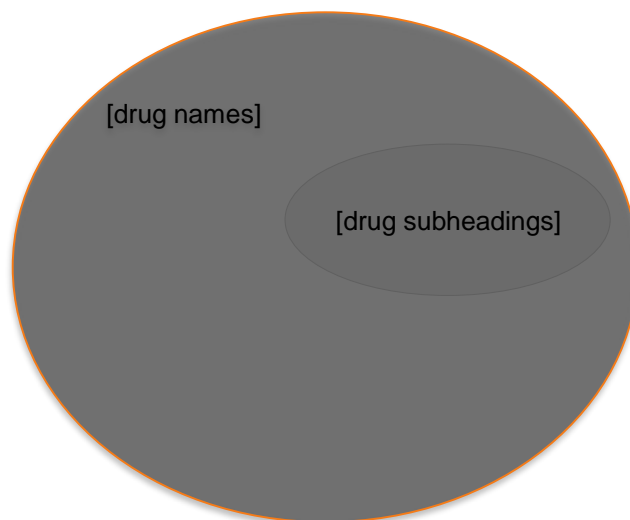
'paracetamol'/'drug toxicity','drug interaction','adverse drug reaction'

Search summary:

[drug]/[subheadings]

PV Search Strategy

Part 2: Drug name and variants



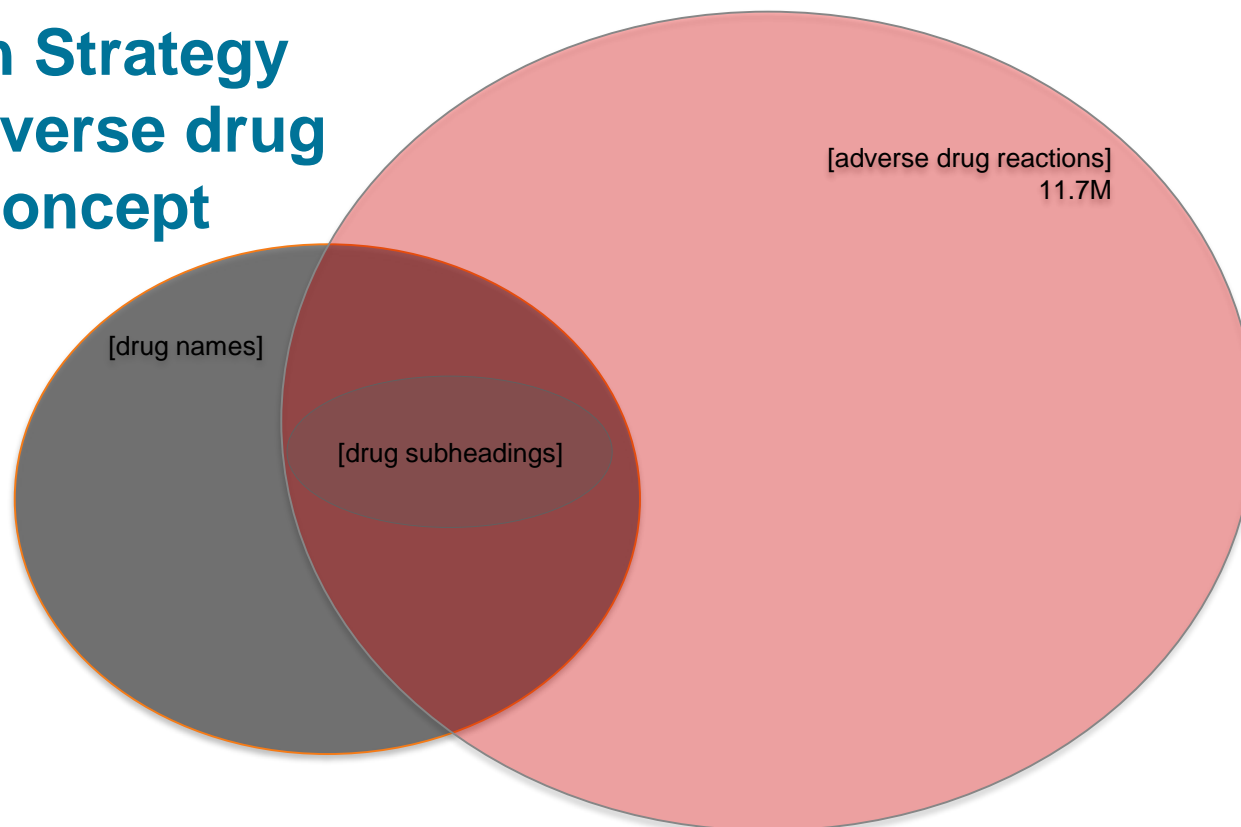
Search summary:
[drug]/[subheadings] OR
[drug names]

Search example:

'paracetamol':de OR '4 acetamidophenol':tn,ab,ti OR '4
acetaminophenol':tn,ab,ti OR '4 acetaminophenol':tn,ab,ti OR '4
hydroxyacetanilide':tn,ab,ti OR '4` hydroxyacetanilide':tn,ab,ti OR
'abenol':tn,ab,ti OR 'acamol':tn,ab,ti OR 'acamoli forte suppositories
for kids':tn,ab,ti OR 'acenol':tn,ab,ti OR 'acephen':tn,ab,ti OR 'acet
suppositories':tn,ab,ti OR 'acetalgin':tn,ab,ti OR 'acetamino
phenol':tn,ab,ti OR 'acetaminophen':tn,ab,ti OR
'acetaminophene':tn,ab,ti OR 'acetaminophenol':tn,ab,ti OR
'acetamol':tn,ab,ti OR 'acetomenophen':tn,ab,ti OR ...

PV Search Strategy

Part 3: Adverse drug reaction concept



Search example:

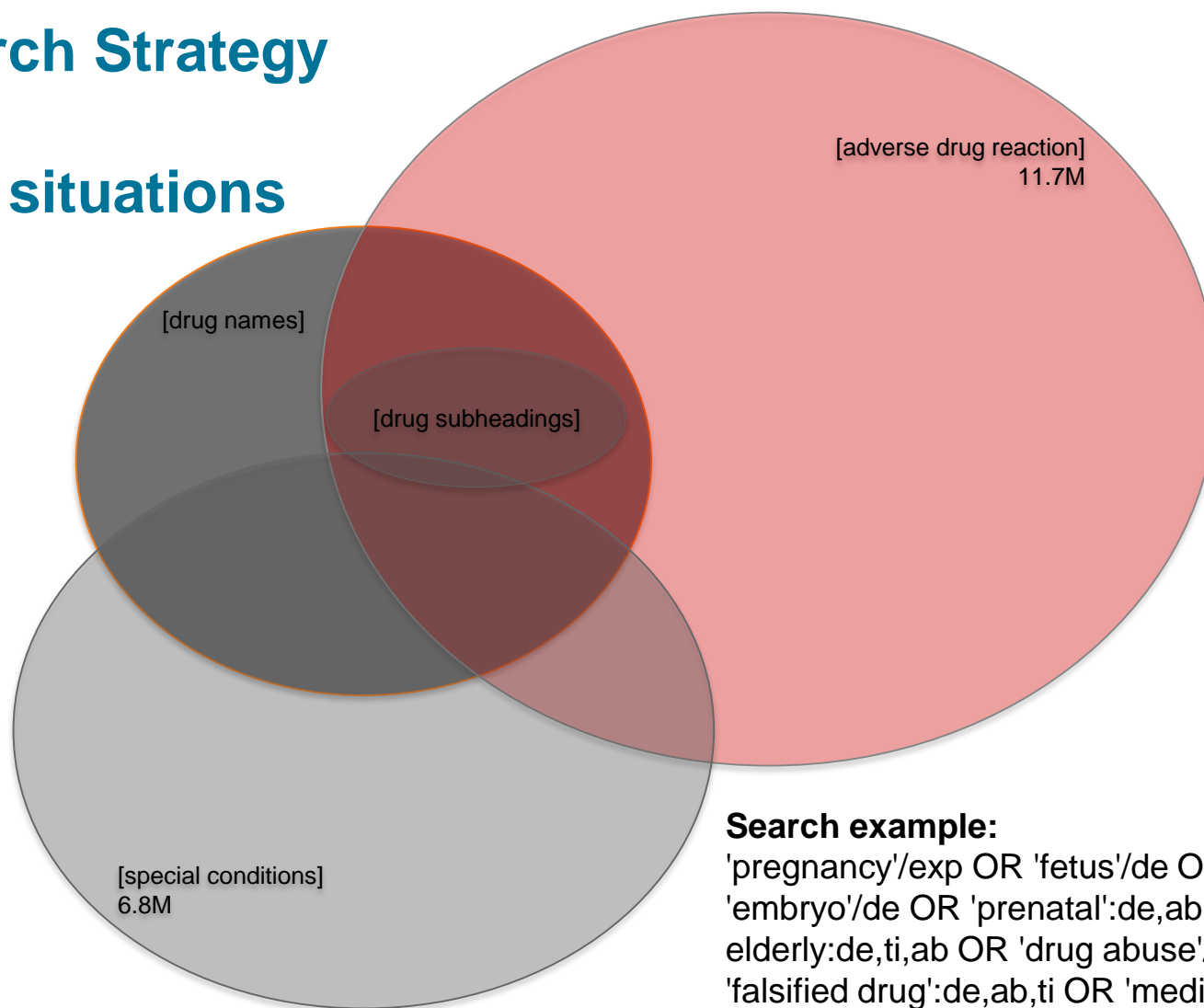
('adverse drug reaction'/exp OR
adverse:de,ab,ti OR ((side OR undesirable OR
unwanted) NEXT/2 (effect* OR reaction* OR
event* OR outcome*)):de,ab,ti OR 'side
effect'/exp OR 'complication'/exp OR
complication*:de,ab,ti OR OR 'drug
interaction'/exp OR 'toxicity'/exp ...

Search summary:

[drug]/[subheadings] OR
([drug names] AND
[adverse drug reactions])

PV Search Strategy

Part 4: Special situations



Search example:

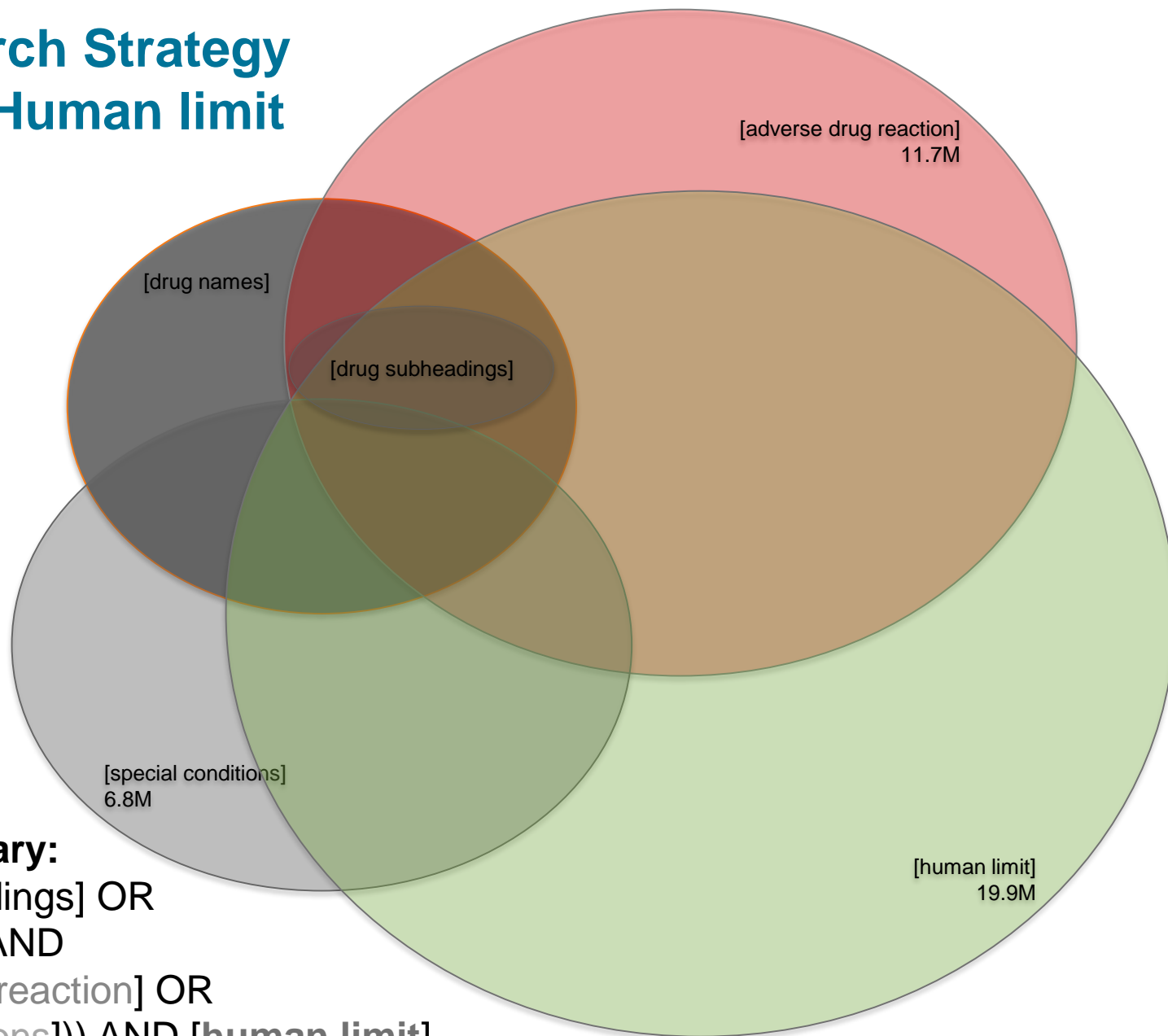
'pregnancy'/exp OR 'fetus'/de OR
'embryo'/de OR 'prenatal':de,ab,ti OR
elderly:de,ti,ab OR 'drug abuse'/exp OR
'falsified drug':de,ab,ti OR 'medication
error'/exp ...

Search summary:

[drug]/[subheadings] OR
([drug names] AND ([adverse drug reaction] OR [special conditions]))

PV Search Strategy

Part 5: Human limit

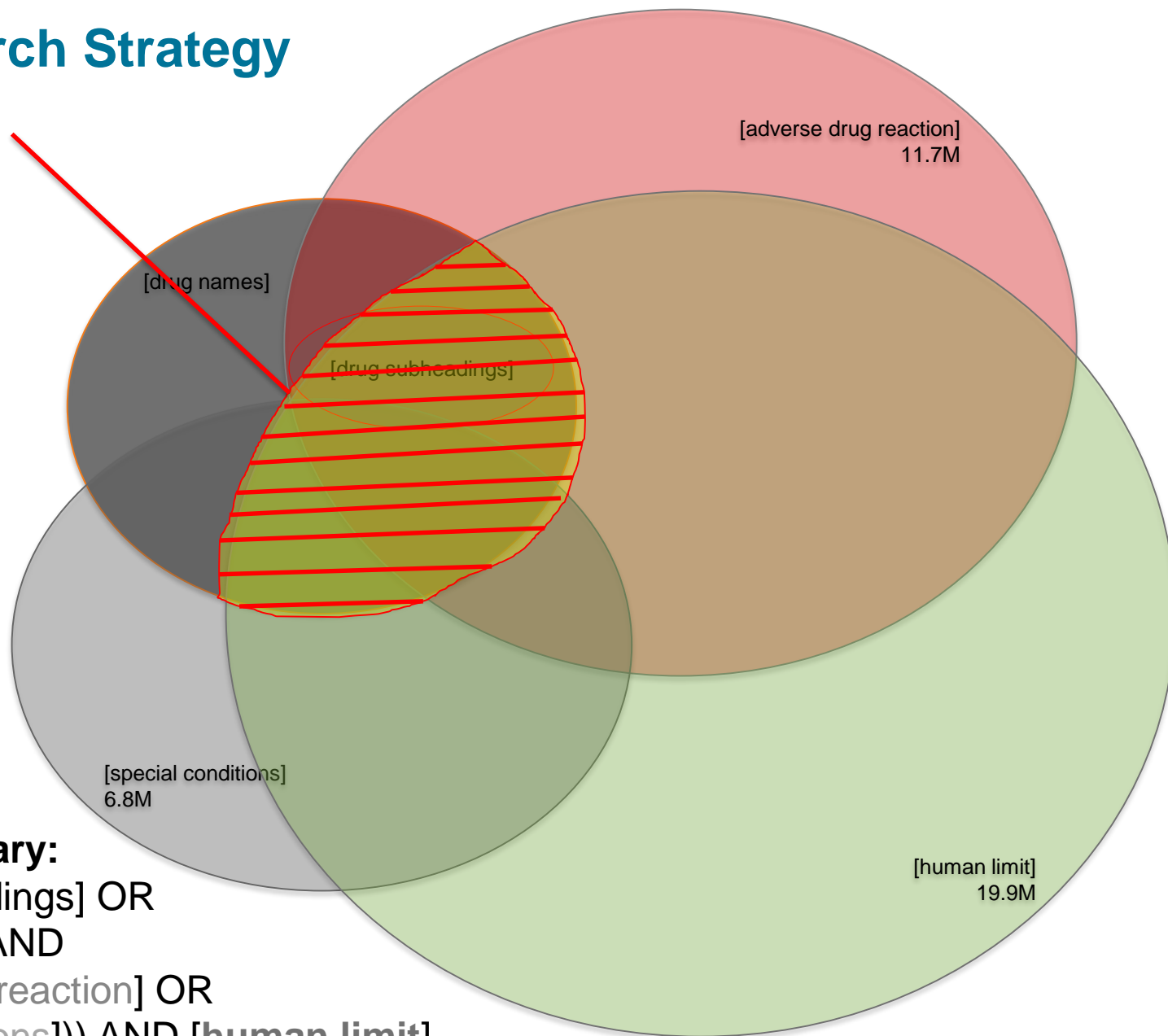


Search summary:

[drug]/[subheadings] OR
([drug names] AND
([adverse drug reaction] OR
[special conditions])) AND [human limit]

PV Search Strategy

Results



Search summary:

[drug]/[subheadings] OR
([drug names] AND
([adverse drug reaction] OR
[special conditions])) AND [human limit]

PV Search Strategy – full

'paracetamol'/drug toxicity,'drug interaction','adverse drug reaction'

OR 'paracetamol-induced':de,ab,ti

OR ('paracetamol':de OR '4 acetamidophenol':tn,ab,ti OR '4 acetaminophenol':tn,ab,ti OR '4 acetylaminophenol':tn,ab,ti OR '4 hydroxyacetanilide':tn,ab,ti OR '4' hydroxyacetanilide':tn,ab,ti OR 'abenol':tn,ab,ti OR 'acamol':tn,ab,ti OR 'acamoli forte suppositories for kids':tn,ab,ti OR 'acenol':tn,ab,ti OR 'acephen':tn,ab,ti OR 'acet suppositories':tn,ab,ti OR 'acetalgin':tn,ab,ti OR 'acetamino phenol':tn,ab,ti OR 'acetaminophen':tn,ab,ti OR 'acetaminophene':tn,ab,ti OR 'acetaminophenol':tn,ab,ti OR 'acetamol':tn,ab,ti OR 'acetomenophen':tn,ab,ti OR 'acetylaminophenol':tn,ab,ti OR 'adorem':tn,ab,ti OR 'afebrin':tn,ab,ti OR 'algiafin':tn,ab,ti OR 'algotrotyl':tn,ab,ti OR 'alphagesic':tn,ab,ti OR 'alvedon':tn,ab,ti OR 'amadil':tn,ab,ti OR 'anacin 3':tn,ab,ti OR 'anafon':tn,ab,ti OR 'analgisier':tn,ab,ti OR 'apamide':tn,ab,ti OR 'apap':tn,ab,ti OR 'apirex':tn,ab,ti OR 'apotel':tn,ab,ti OR 'arthralgen':tn,ab,ti OR 'atamel':tn,ab,ti OR 'ben-u-ron':tn,ab,ti OR 'benuron':tn,ab,ti OR 'biogesic':tn,ab,ti OR 'biogesic suspension':tn,ab,ti OR 'bodrex':tn,ab,ti OR 'calapol':tn,ab,ti OR 'calodol':tn,ab,ti OR 'calonal':tn,ab,ti OR 'calpol':tn,ab,ti OR 'causalon':tn,ab,ti OR 'cemol':tn,ab,ti OR 'christamol':tn,ab,ti OR 'claradol':tn,ab,ti OR 'clocephen':tn,ab,ti OR 'cp 500':tn,ab,ti OR 'cp500':tn,ab,ti OR 'dafalgan':tn,ab,ti OR 'daga':tn,ab,ti OR 'datril':tn,ab,ti OR 'depon':tn,ab,ti OR 'depyretin':tn,ab,ti OR 'dirox':tn,ab,ti OR 'dismifen':tn,ab,ti OR 'disprol':tn,ab,ti OR 'dolal':tn,ab,ti OR 'dolex':tn,ab,ti OR 'dolex 500':tn,ab,ti OR 'doliprane':tn,ab,ti OR 'dolitabs':tn,ab,ti OR 'dolofen':tn,ab,ti OR 'dolomol':tn,ab,ti OR 'dolorol':tn,ab,ti OR 'dolotemp':tn,ab,ti OR 'dolprone':tn,ab,ti OR 'doltem':tn,ab,ti OR 'drilan':tn,ab,ti OR 'dristan af':tn,ab,ti OR 'duorol':tn,ab,ti OR 'dymadon':tn,ab,ti OR 'efferalgan':tn,ab,ti OR 'efferalgan 500':tn,ab,ti OR 'efferalganodis':tn,ab,ti OR 'efferelgan':tn,ab,ti OR 'enelfa':tn,ab,ti OR 'eneril':tn,ab,ti OR 'eraldor':tn,ab,ti OR 'expandol':tn,ab,ti OR 'febrilix':tn,ab,ti OR 'fendon':tn,ab,ti OR 'fervex':tn,ab,ti OR 'fibrinol':tn,ab,ti OR 'fortolin':tn,ab,ti OR 'gelocatil':tn,ab,ti OR 'geluprane 500':tn,ab,ti OR 'gunaceta':tn,ab,ti OR 'headache strength allerest':tn,ab,ti OR 'hedex':tn,ab,ti OR 'infants' feverall':tn,ab,ti OR 'injectapap':tn,ab,ti OR 'janupap':tn,ab,ti OR 'kamolas':tn,ab,ti OR 'kyofen':tn,ab,ti OR 'lemgrip':tn,ab,ti OR 'letamol':tn,ab,ti OR 'liquiprin':tn,ab,ti OR 'lotemp':tn,ab,ti OR 'lyteca':tn,ab,ti OR 'malidens':tn,ab,ti OR 'medamol':tn,ab,ti OR 'meforagesic':tn,ab,ti OR 'metagesic':tn,ab,ti OR 'metamid':tn,ab,ti OR 'mexalen':tn,ab,ti OR 'milidon 500':tn,ab,ti OR 'minopan':tn,ab,ti OR 'mypara':tn,ab,ti OR 'n acetyl 4 aminophenol':tn,ab,ti OR 'n acetyl para aminophenol':tn,ab,ti OR 'n-acetyl-p-aminophenol':tn,ab,ti OR 'nalgelik':tn,ab,ti OR 'napamol':tn,ab,ti OR 'napap':tn,ab,ti OR 'naprex':tn,ab,ti OR 'nektol 500':tn,ab,ti OR 'neocitran':tn,ab,ti OR 'neodalmin':tn,ab,ti OR 'neopap':tn,ab,ti OR 'nevrall':tn,ab,ti OR 'nilapur':tn,ab,ti OR 'nobedon':tn,ab,ti OR 'nysacetyl':tn,ab,ti OR 'ofirmev':tn,ab,ti OR 'pacemol':tn,ab,ti OR 'pacimol':tn,ab,ti OR 'pamal':tn,ab,ti OR 'pamol':tn,ab,ti OR 'panadol':tn,ab,ti OR 'panadol acitaf':tn,ab,ti OR 'panadol soluble':tn,ab,ti OR 'panamax':tn,ab,ti OR 'panasorb':tn,ab,ti OR 'panodil':tn,ab,ti OR 'para acetamidophenol':tn,ab,ti OR 'para acetylaminophenol':tn,ab,ti OR 'para hydroxyacetanilide':tn,ab,ti OR 'para suppo':tn,ab,ti OR 'paracet':tn,ab,ti OR 'paracetaminophenol':tn,ab,ti OR 'paracetamol':tn,ab,ti OR 'paracetamol ester':tn,ab,ti OR 'paracetamole':tn,ab,ti OR 'parageniol':tn,ab,ti OR 'paragin':tn,ab,ti OR 'paralen':tn,ab,ti OR 'paralief':tn,ab,ti OR 'paramax':tn,ab,ti OR 'paramidol':tn,ab,ti OR 'parapaed':tn,ab,ti OR 'parapaed junior':tn,ab,ti OR 'parapaed six plus':tn,ab,ti OR 'paratabs':tn,ab,ti OR 'parvid':tn,ab,ti OR 'pasolind':tn,ab,ti OR 'pasolind n':tn,ab,ti OR 'paximol':tn,ab,ti OR 'pedipan':tn,ab,ti OR 'penral-night':tn,ab,ti OR 'perfalgan':tn,ab,ti OR 'phenaphen':tn,ab,ti OR 'pinex':tn,ab,ti OR 'polarfen':tn,ab,ti OR 'predimol':tn,ab,ti OR 'puernol':tn,ab,ti OR 'pyrigesic':tn,ab,ti OR 'raperon':tn,ab,ti OR 'rapidol':tn,ab,ti OR 'relaphen':tn,ab,ti OR 'reliv':tn,ab,ti OR 'remedol':tn,ab,ti OR 'revanin':tn,ab,ti OR 'rhinapen elixir':tn,ab,ti OR 'rhodapap':tn,ab,ti OR 'roxamol gelpcaps':tn,ab,ti OR 'salzone':tn,ab,ti OR 'sedes a':tn,ab,ti OR 'serimol':tn,ab,ti OR 'setamol':tn,ab,ti OR 'sinaspril':tn,ab,ti OR 'sinedol':tn,ab,ti OR 'sinpro':tn,ab,ti OR 'talgalin':tn,ab,ti OR 'tachipirin':tn,ab,ti OR 'tachipirina':tn,ab,ti OR 'taganopain':tn,ab,ti OR 'tapar':tn,ab,ti OR 'tempra':tn,ab,ti OR 'tempte':tn,ab,ti OR 'temzzard':tn,ab,ti OR 'termofren':tn,ab,ti OR 'tralgon':tn,ab,ti OR 'tralgon elixir':tn,ab,ti OR 'tramil':tn,ab,ti OR 'treuphadol':tn,ab,ti OR 'turpan':tn,ab,ti OR 'tylenol':tn,ab,ti OR 'tylenol (caplet)':tn,ab,ti OR 'tylenol (geltab)':tn,ab,ti OR 'tylenol extra fuerte':tn,ab,ti OR 'tylenol forte':tn,ab,ti OR 'tylenol nr 1':tn,ab,ti OR 'tylex':tn,ab,ti OR 'valadol':tn,ab,ti OR 'winadol':tn,ab,ti OR 'winasorb':tn,ab,ti OR 'xebamol':tn,ab,ti OR 'zolben':tn,ab,ti OR 'zydinol':tn,ab,ti

AND ('adverse drug reaction'/exp OR 'adverse drug reaction':lnk OR adverse:de,ab,ti OR ((side OR undesirable OR unwanted) NEXT/2 (effect* OR reaction* OR event* OR outcome*)):de,ab,ti OR 'side effect'/lnk OR 'side effect'/exp OR 'complication'/lnk OR 'complication'/exp OR complication*:de,ab,ti OR 'worsening':de,ab,ti OR 'case report':de,ab,ti OR 'pharmacovigilance':de,ab,ti OR 'postmarketing surveillance'/exp OR 'drug interaction':lnk OR 'drug interaction'/exp OR 'toxicity'/exp OR 'drug toxicity':lnk OR toxic*:de,ab,ti OR 'intox':de,ab,ti OR 'safety':de,ab,ti OR 'poison':de,ab,ti OR 'pharmacotox':de,ab,ti OR 'neurotox':de,ab,ti OR 'cardiotox':de,ab,ti OR 'nephrotox':de,ab,ti OR 'hepatotox':de,ab,ti OR 'immunotox':de,ab,ti OR 'immunocytotox':de,ab,ti OR 'cytotox':de,ab,ti OR 'carcinogen':de,ab,ti OR 'cancerogen':de,ab,ti OR 'mutagen':de,ab,ti OR 'terato':de,ab,ti OR 'fatal outcome'/exp OR 'death'/exp OR death*:de,ab,ti OR 'suicide'/exp OR suicid*:de,ab,ti OR 'mortal':de,ab,ti OR 'fatal':de,ab,ti OR 'risk'/exp OR 'nocebo':de,ab,ti OR 'lethal concentration'/exp OR 'iatrogenic disease'/exp OR 'fertility'/exp OR 'substance-related disorders'/exp OR 'chemically induced':de,ab,ti OR 'morbidity':de,ab,ti OR 'congenital disorder':de,ab,ti OR 'infertility'/exp OR 'injury'/exp

OR 'pregnancy'/exp OR pregnant*:de,ab,ti OR pregnanc*:de,ab,ti OR 'pregnancy complication'/exp OR 'pregnancy disorder'/exp OR 'abortion'/exp OR 'abortion':de,ab,ti OR 'lactation'/exp OR 'breast feeding':de,ab,ti OR 'breastfeeding':de,ab,ti OR 'breast milk':de,ab,ti OR 'reproduction'/de OR 'fetus'/de OR 'embryo'/de OR 'prenatal':de,ab,ti OR 'perinatal':de,ab,ti OR 'newborn':de,ab,ti OR 'parameters concerning the fetus, newborn and pregnancy'/exp OR 'aged'/exp OR 'elderly':de,ab,ti OR 'geriatric':de,ab,ti OR ((environmental OR occupational) NEXT/1 exposure*):de,ab,ti OR 'compassionate use':de,ab,ti OR 'named NEXT/1 (use OR patient*)':de,ab,ti OR 'inappropriate prescri':de,ab,ti OR 'drug metabolism'/exp OR 'organ dysfunction':de,ab,ti OR 'organ failure':de,ab,ti OR 'hypersensitivity':de,ab,ti OR 'allerg':de,ab,ti OR 'counterfeit':de,ab,ti OR 'falsified drug':de,ab,ti OR ('unavailab*' NEAR/2 drug):de,ab,ti OR 'drug resistance'/exp OR 'drug resistance':de,ab,ti OR 'withdrawal syndrome'/de OR (drug* NEAR/3 (withdrawal OR toleran* OR interact* OR exposure* OR induc* OR resist* OR ineff* OR nonrespon* OR unrespon*)):de,ab,ti OR 'drug tolerance'/exp OR ((drug* OR treatment) NEXT/1 (failure* OR contraindication*)):de,ab,ti OR 'medication error'/exp OR (near NEXT/1 miss*):de,ab,ti OR ineff*:de,ab,ti OR nonrespon*:de,ab,ti OR unrespon*:de,ab,ti OR ((lack OR no OR non OR 'not') NEXT/2 (eff* OR respon*)):de,ab,ti OR 'device failure':de,ab,ti OR 'manufacturing near/3 (error OR fault OR mistake OR failure OR contamination OR impurity) OR 'patient compliance'/exp OR overdos*:de,ab,ti OR 'drug abuse'/exp OR abus*:de,ab,ti OR misus*:de,ab,ti OR 'off label':de,ab,ti OR 'unlicensed':de,ab,ti)

AND ('human'/exp OR human OR m?n OR wom?n OR child OR boy OR girl))

Designed to produce **100% recall** against the gold set.

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Email Alerts

☐ Delete | Import | Export alerts

	Last results	Sent on	Status
<input type="checkbox"/> #26 apixaban	n/a	not sent yet	●
<input type="checkbox"/> #25 Edit Copy to advanced search Rerun Send now Export history Turn Off			
<input type="checkbox"/> #24 AIP	n/a	not sent yet	●
<input type="checkbox"/> #23 IP-2	n/a	not sent yet	●
<input type="checkbox"/> #22 IP	n/a	not sent yet	●
<input type="checkbox"/> #21 test	1	25 Apr 2016	●
<input type="checkbox"/> #20 Ethyl Bromoacetate is a mutagenic compound	0	25 Apr 2016	●
<input type="checkbox"/> #19 PV alert	2353	25 Apr 2016	●
<input type="checkbox"/> #18 Test term for CEF	1073	20 Nov 2015	●
<input type="checkbox"/> #17 Fully indexed records	0	01 May 2016	●
<input type="checkbox"/> #16 In process	0	01 May 2016	●
<input type="checkbox"/> #15 Article in press	0	01 May 2016	●

Alert details

Alert name

apixaban

Search query

'apixaban'/drug toxicity,'drug interaction','adverse drug reaction' OR 'apixaban-induced':de,ab,ti OR ('apixaban':de OR '1 (4 methoxyphenyl) 7 oxo 6 [4 (2 oxopiperidin 1 yl) phenyl] 4, 5, 6, 7 tetrahydro 1h pyrazolo [3, 4 c] pyridine 3 carboxamide' OR '4, 5, 6, 7 tetrahydro 1 (4 methoxyphenyl) 7 oxo 6 [4 (2 oxo 1 piperidinyl) phenyl] 1h pyrazolo [3, 4 c] pyridine 3 carboxamide' OR 'apixaban' OR 'bms 562247' OR 'bms 562247 01' OR 'bms 562247-01' OR 'bms562247' OR 'bms562247 01' OR 'bms562247-01' OR 'eliques' OR 'eliquis' AND (adverse:de,ab,ti OR ((side OR undesirable OR unwanted) NEXT/2 (effect* OR reaction* OR event* OR outcome*)):de,ab,ti OR 'side effect'/lnk OR 'side effect'/exp OR 'adverse drug reaction'/exp OR 'complication'/lnk OR 'complication'/exp OR complication*:de,ab,ti OR 'case report*:de,ab,ti OR 'pharmacovigilance':de,ab,ti OR 'postmarketing surveillance'/exp OR 'toxicity'/exp OR toxic*:de,ab,ti OR inttox*:de,ab,ti OR 'safety':de,ab,ti OR poison*:de,ab,ti OR pharmacotox*:de,ab,ti OR neurotox*:de,ab,ti OR cardiotox*:de,ab,ti OR nephrotox*:de,ab,ti OR hepatotox*:de,ab,ti OR immunotox*:de,ab,ti OR immunocytotox*:de,ab,ti OR cytotox*:de,ab,ti OR carcinogen*:de,ab,ti OR cancerogen*:de,ab,ti OR mutagen*:de,ab,ti OR terato*:de,ab,ti OR 'fatal outcome'/exp OR

Email Alert history is auditable

This is the history of alert "PV alert" as exported on 01 May 2016 19:38 GMT. This alert was originally set up on 22 Dec 2015 10:11 GMT.

Alert name	Event	Search que	Date & time (GMT)	Records in	Frequency	Recipients	Status
PV alert	Automatic run	'adverse d	25.04.2016 03:10	2353	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	18.04.2016 03:10	3446	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	11.04.2016 03:10	1913	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	04.04.2016 03:10	2178	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	28 Mar 2016 03:10	2923	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	21 Mar 2016 03:10	2192	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	14 Mar 2016 03:10	2131	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Send now alert	'adverse d	08 Mar 2016 15:25	315	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Edited (content sele	'adverse d	08 Mar 2016 15:25	n/a	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	07 Mar 2016 03:10	3215	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	29.02.2016 03:10	1716	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Edited (enabled)	'adverse d	22.02.2016 18:46	n/a	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Edited (disabled)	'adverse d	22.02.2016 18:46	n/a	Every week on Monday	i.krstic@elsevier.com	Off
PV alert	Send now alert	'adverse d	22.02.2016 18:43	0	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	22.02.2016 03:10	2383	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	15.02.2016 03:10	3209	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	08.02.2016 03:10	1906	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	01.02.2016 03:10	2871	Every week on Monday	i.krstic@elsevier.com	On
PV alert	Automatic run	'adverse d	25.01.2016 03:10	1820	Every week on Monday	i.krstic@elsevier.com	On

EMA's MLM service

The European Medicines Agency (EMA) is responsible for monitoring 300 active substances and 100 herbals in selected medical literature to identify suspected adverse reactions with medicines authorised in the European Union, and for entering the relevant information into the EudraVigilance database (as of 1 September 2015).

Reference databases searched:

- EMBASE, the most comprehensive biomedical reference database covering literature from EEA and non-EEA countries
- International Pharmaceutical Abstracts (IPA)
- The Allied and the Complementary Medicine Database (AMED)

MLM searches can be found and run on embase.com on PV wizard page:





Questions?

Live training



Quiz

1. How many abstracts from the conference: *73rd Scientific Sessions of the American Diabetes Association* are published about active ingredient of Januvia (Sitagliptin)?
2. How many records can you retrieved about active ingredient of *Keytruda* (**pembrolizumab**) published by Daud A. in 2015?
3. How many records in Embase are indexed with *Novartis* as drug manufacturer?
4. **In how many records Embase indexers identified direct relationship between *hyperglycemia* as an adverse drug reaction and *everolimus* as drug used?**
5. **How many records retrieves the MLM's search on Ketoconazole in June 2017?**

Quiz

1. How many abstracts from the conference: *73rd Scientific Sessions of the American Diabetes Association* are published about active ingredient of Januvia (Sitagliptin)?
A: 49 ('sitagliptin'/exp OR sitagliptin OR januvia) AND '73rd scientific sessions of the american diabetes association':nc
2. How many records can you retrieved about active ingredient of *Keytruda* (**pembrolizumab**) published by Daud A. in 2015?
A: 22 ('keytruda'/exp OR keytruda OR 'pembrolizumab'/exp OR pembrolizumab) AND 'daud a.':au AND [2015]/py)
3. How many records in Embase are indexed with *Novartis* as drug manufacturer?
A: 30,396 (novartis:mn)
4. **In how many records Embase indexers identified direct relationship between *hyperglycemia* as an adverse drug reaction and *everolimus* as drug used?**
A: 581 ('everolimus'/'adverse drug reaction'/'hyperglycemia')
5. **How many records retrieves the MLM's search on Ketoconazole in June 2017?**
A: 53