Introduction to Ovid

Search, Discover, Learn

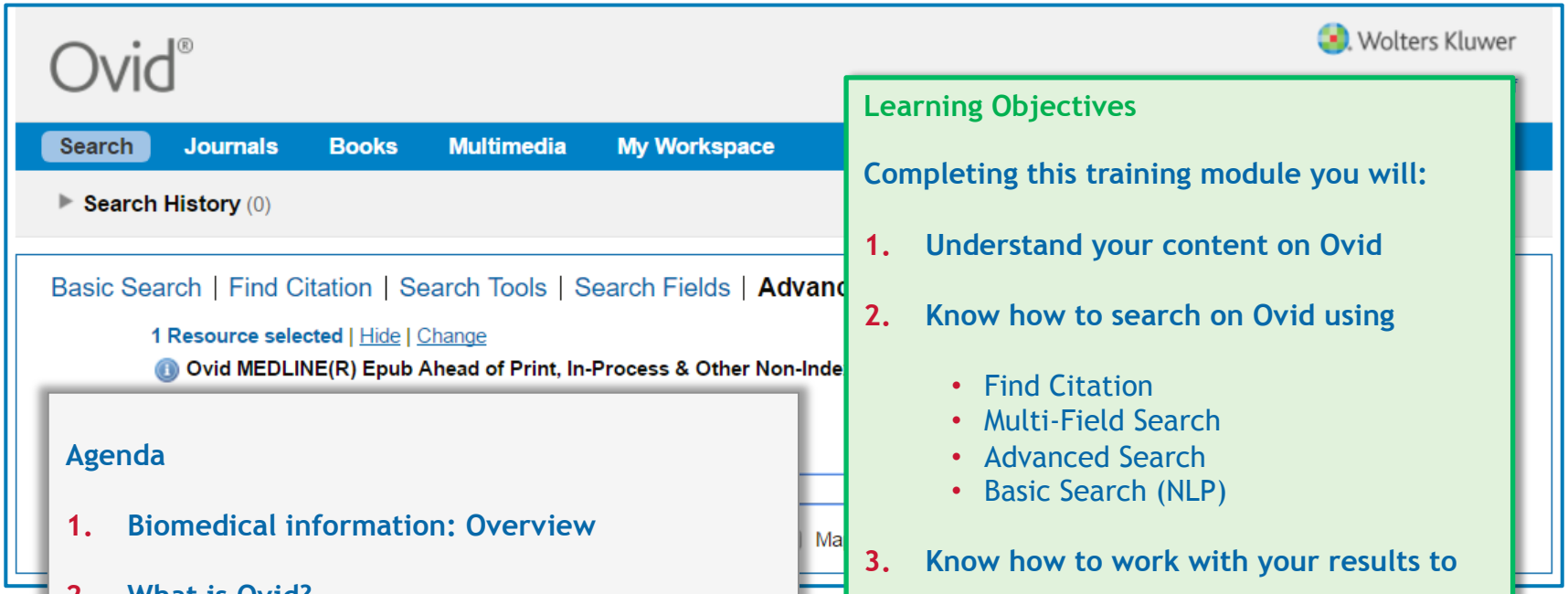
Michael Fanning
Customer Success - Training Manager
Health Learning, Research and Practice

Romanian International Conference for Research and Education

Publisher's Day
25th October 2017

Agenda

Programme outline and learning objectives



Agenda

1. Biomedical information: Overview
2. What is Ovid?
3. Biomedical information on Ovid
4. Searching on Ovid
5. Using and Re-using content on Ovid

Learning Objectives

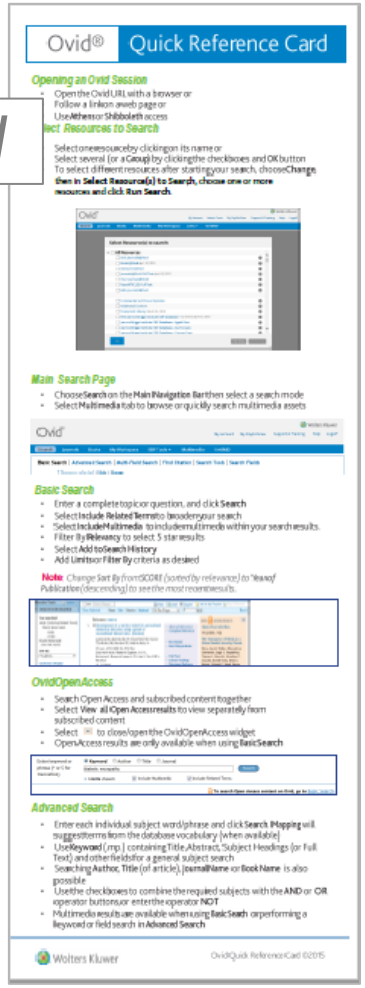
Completing this training module you will:

1. **Understand your content on Ovid**
2. **Know how to search on Ovid using**
   - Find Citation
   - Multi-Field Search
   - Advanced Search
   - Basic Search (NLP)
3. **Know how to work with your results to**
   - View database records
   - Export database records
   - Deduplicate record sets
   - Save and automate searches

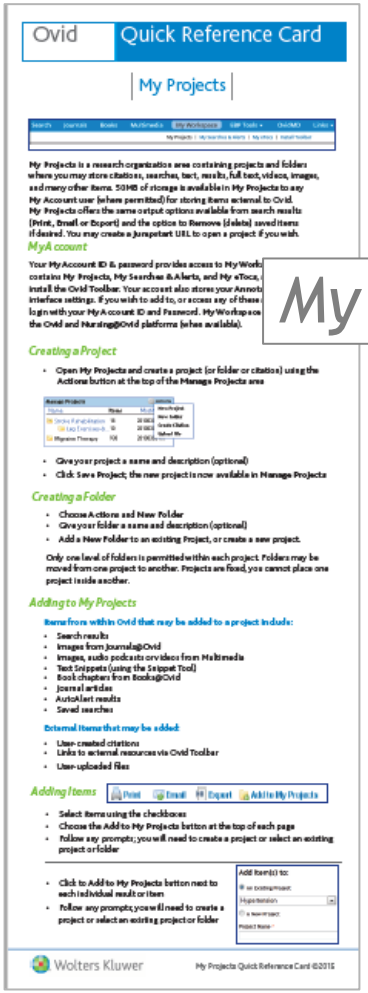
Learning Aids

Quick Reference Cards (QRCs)

Ovid



My Projects



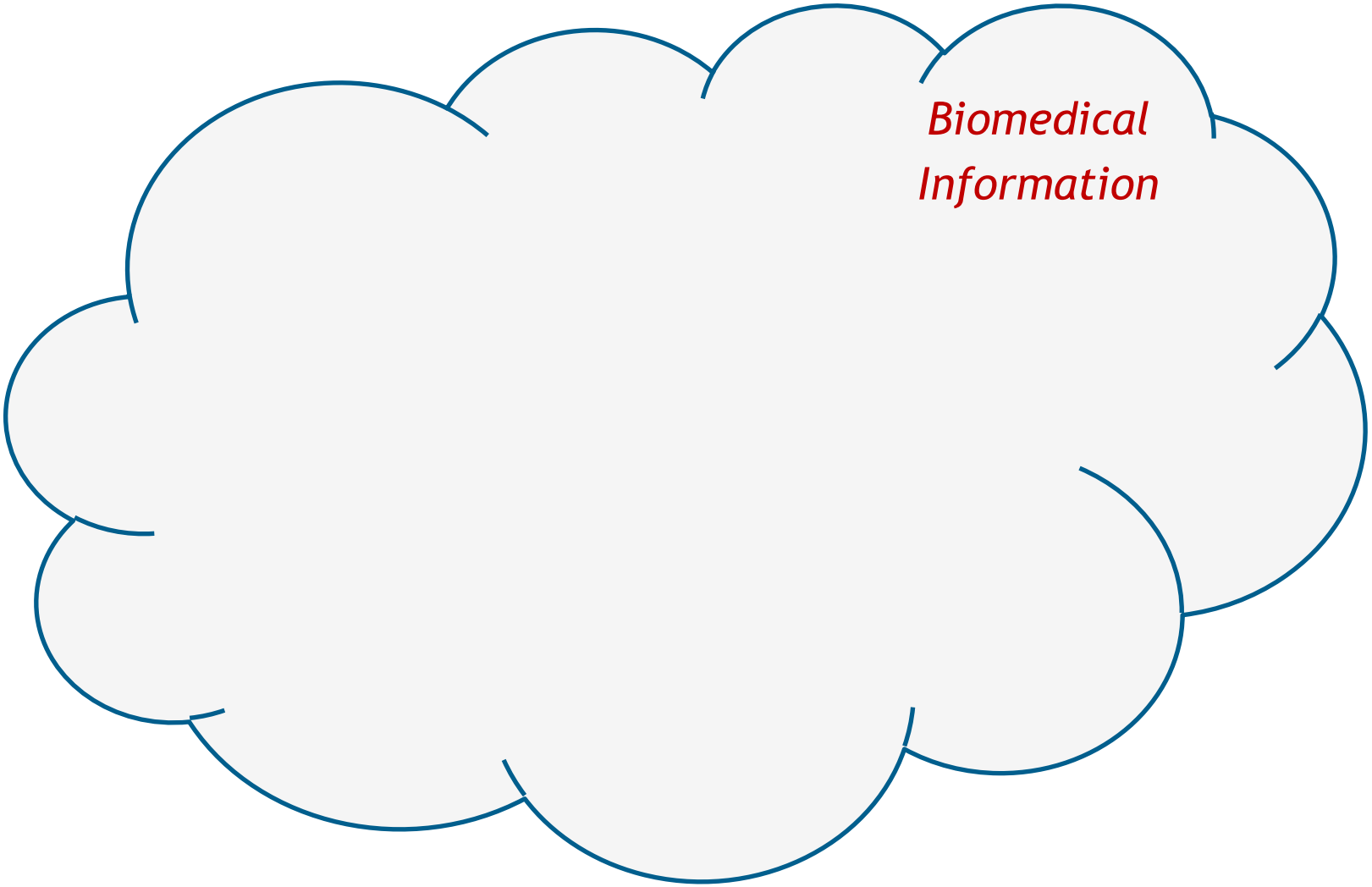
1. Biomedical Literature: Overview

What researchers, clinicians and patients need to know...

- ✓ Medical journals represent the biggest usable part of the biomedical information universe currently known.
- ✓ The biomedical information universe is by its nature vast, diverse, heterogeneous, dynamic and opaque.
- ✓ Critical thinking is strongly advised in the selection, evaluation and use of biomedical information, preferably with an information governance lead.
- ✓ Care and caution is advised regarding the use of unstructured, focus-lacking, search-engine based retrieval systems.

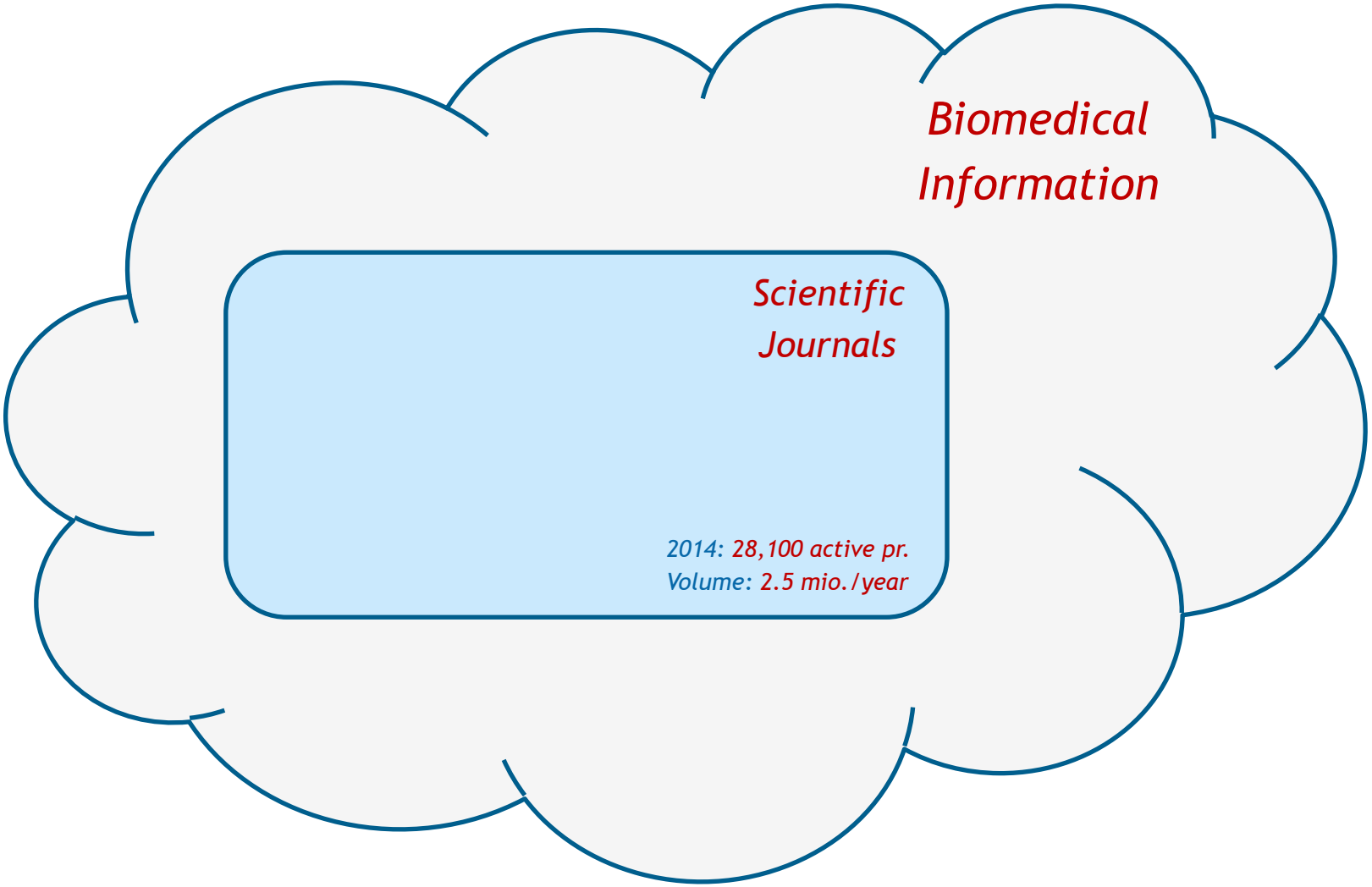
1. Biomedical Literature: Overview

As a universe, visualised...



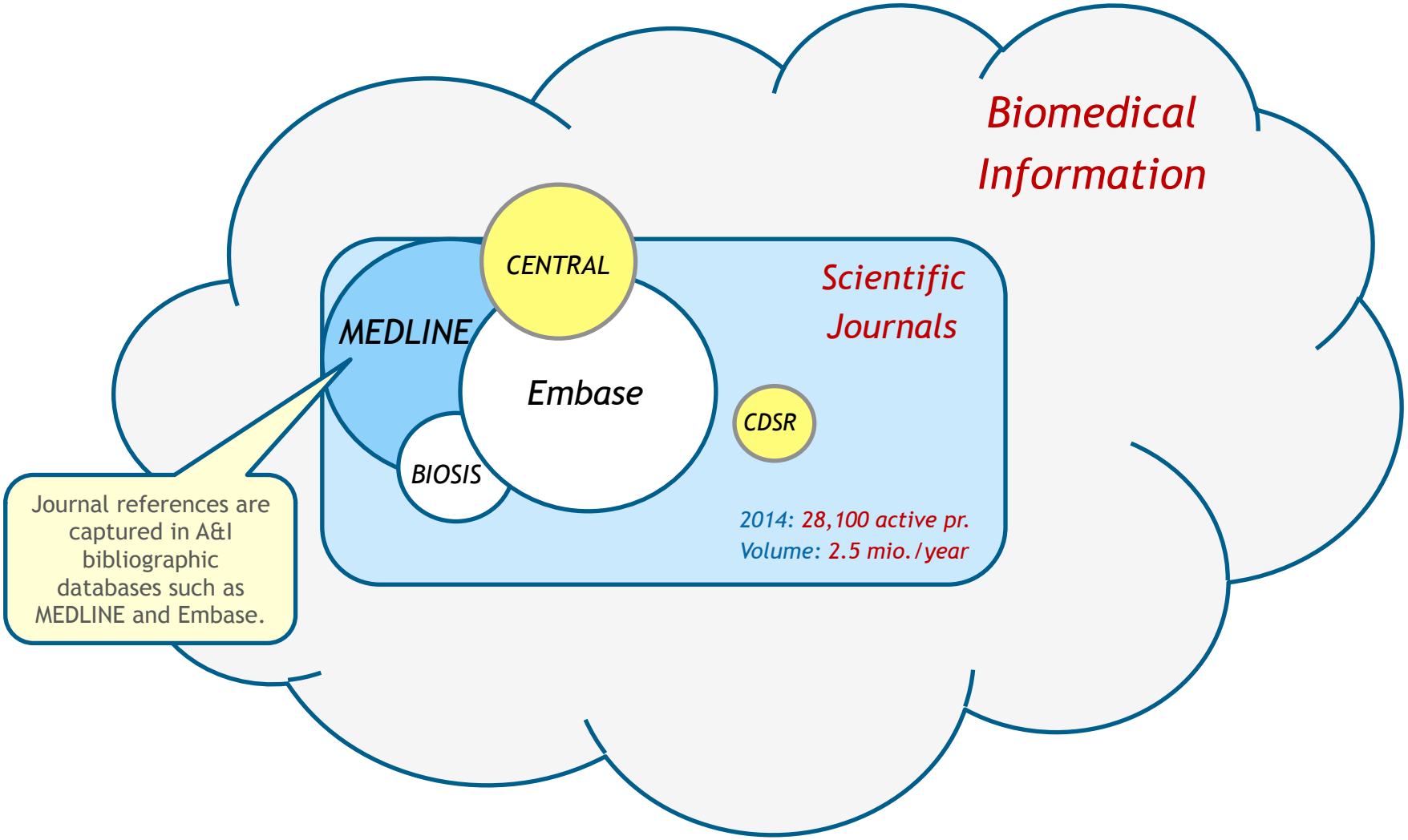
1. Biomedical Literature: Overview

As a universe, visualised...



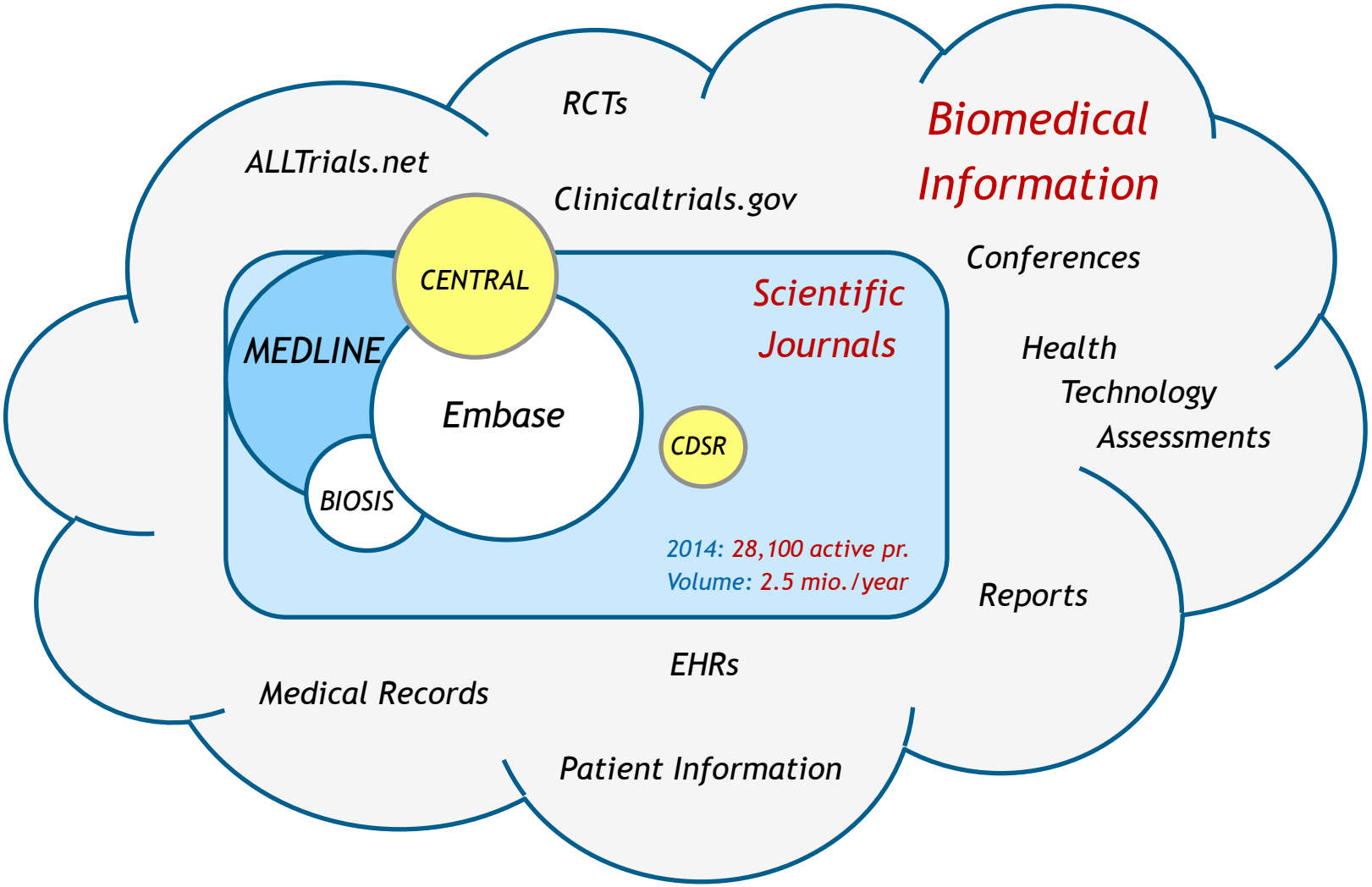
1. Biomedical Literature: Overview

Biomedical information revolves mostly around journals.



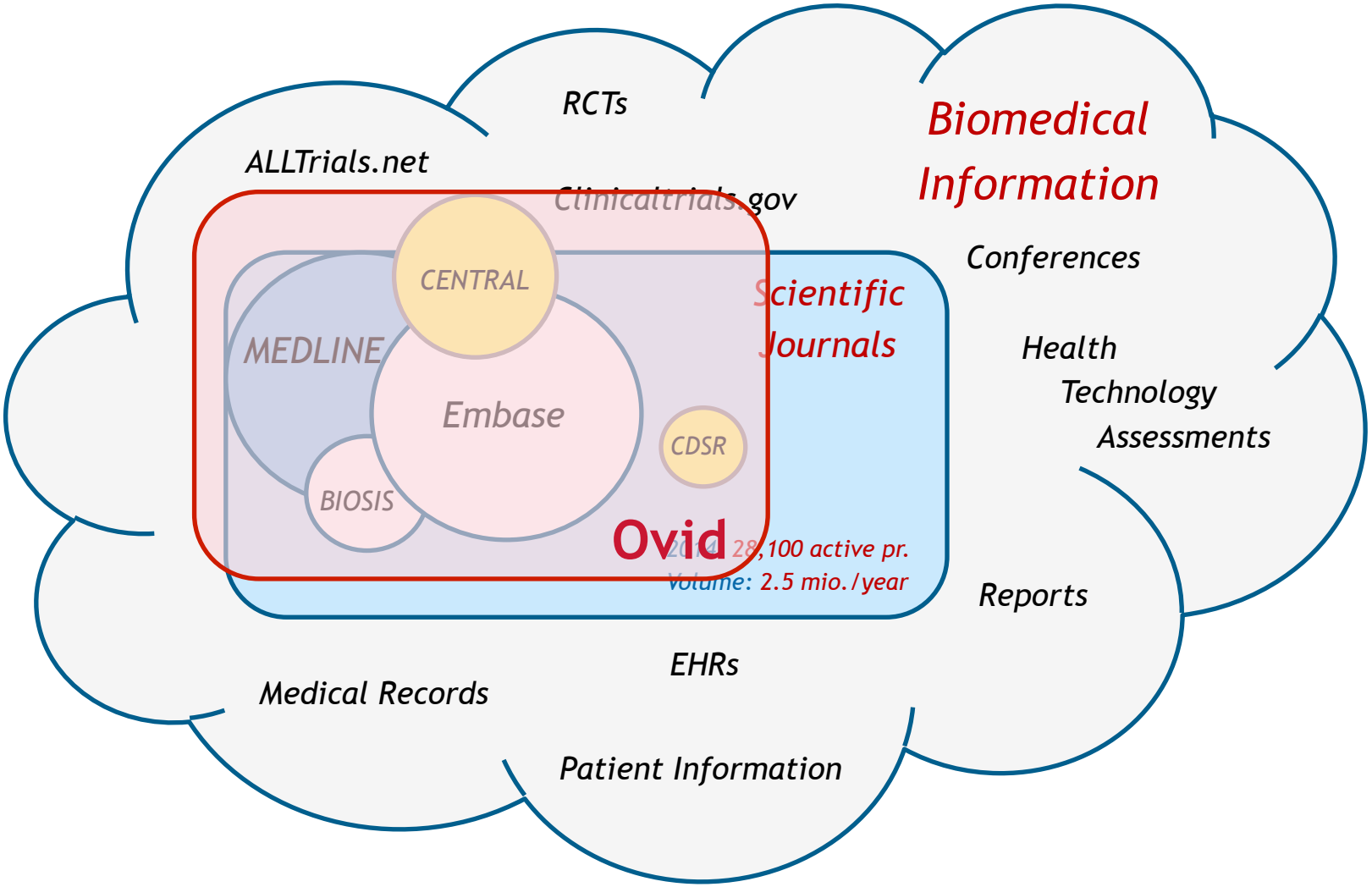
1. Biomedical Literature: Overview

The core of the biomedical information universe...



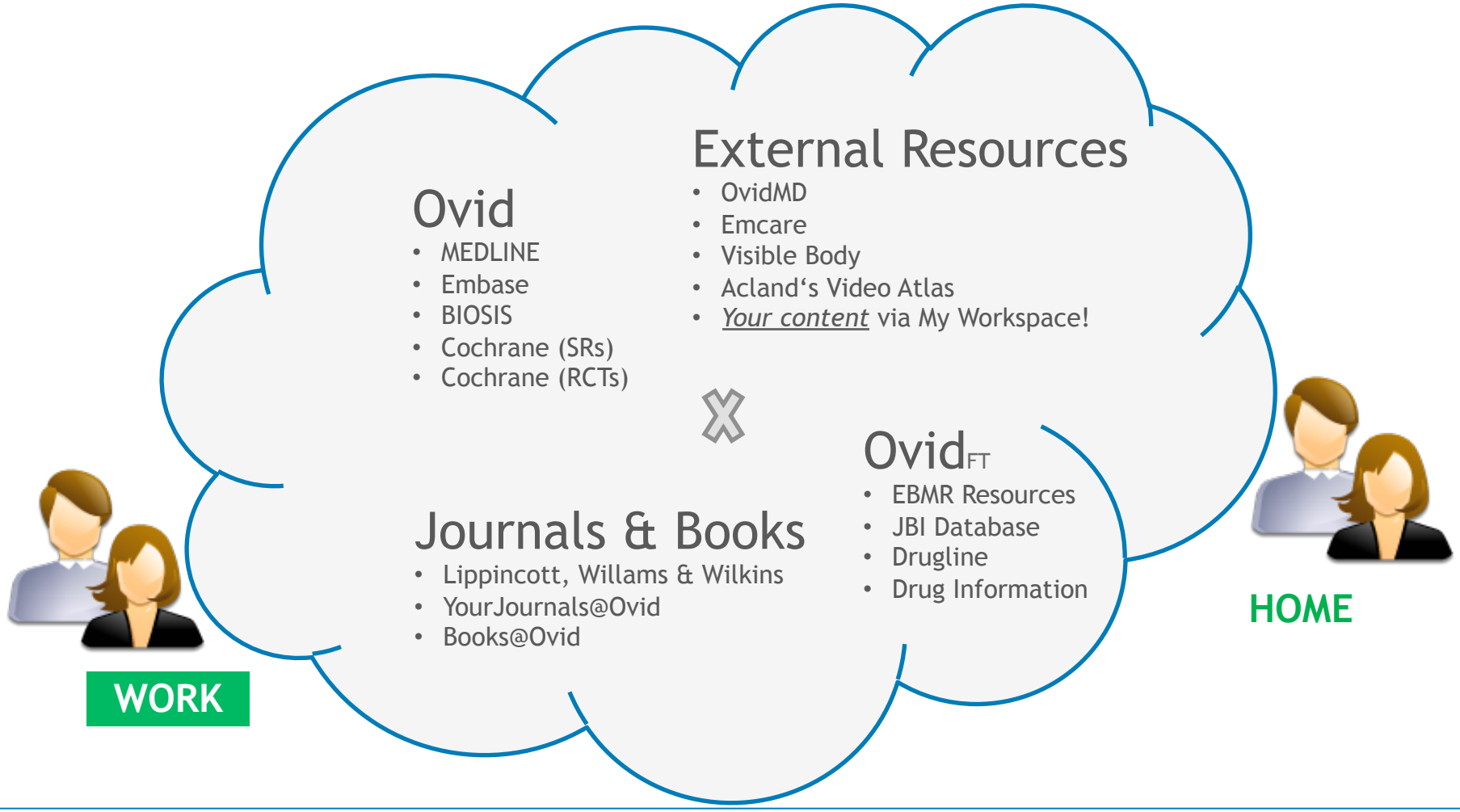
1. Biomedical Literature: Overview

...can be found interlinked on Ovid!



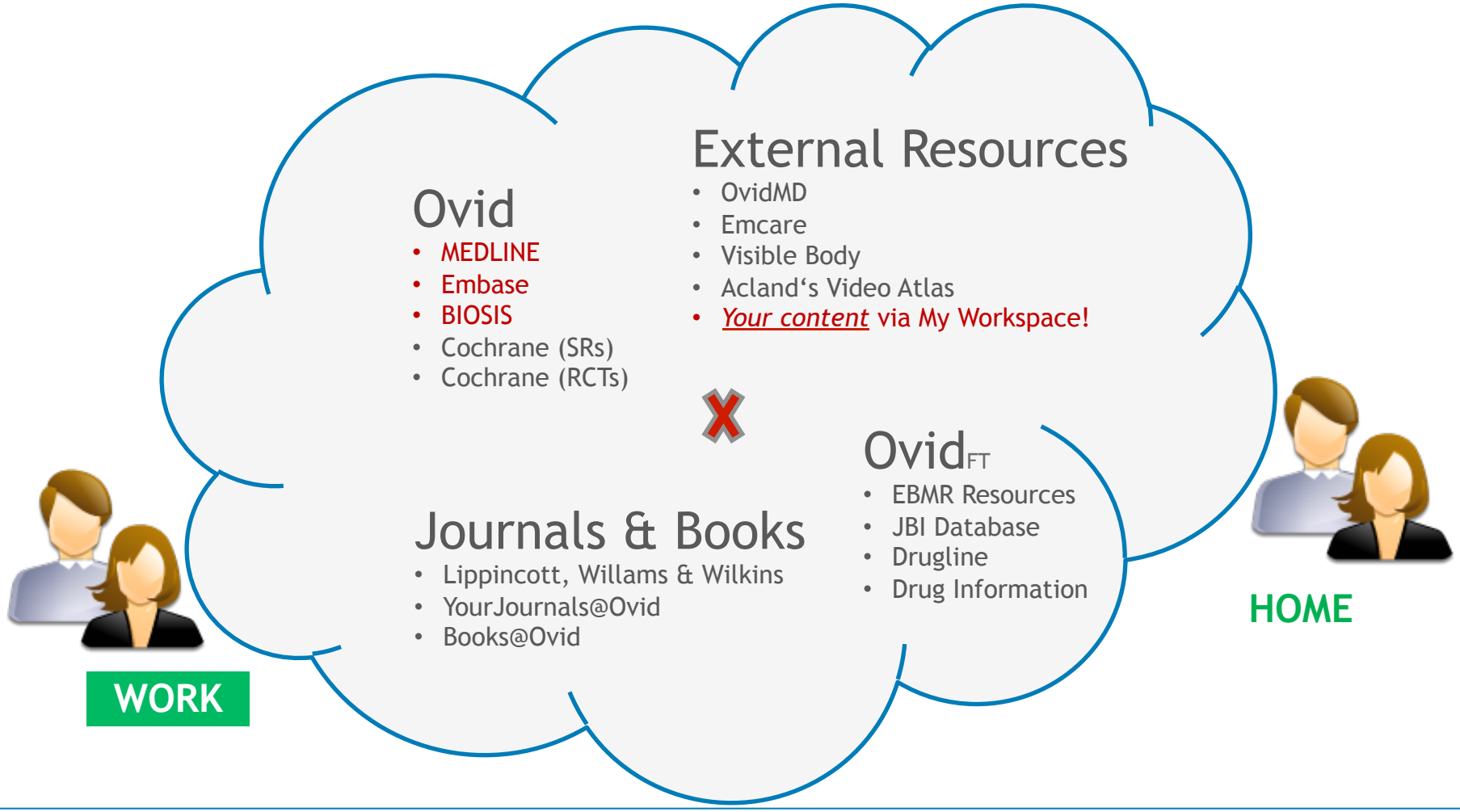
2. What is Ovid?

Ovid is a “smart” aggregator.



2. What is Ovid?

Ovid is a “smart” aggregator.



3. Biomedical information on Ovid

*Consider **Ovid MEDLINE** as a reference.*

Essentials:

Provider: NLM, USA

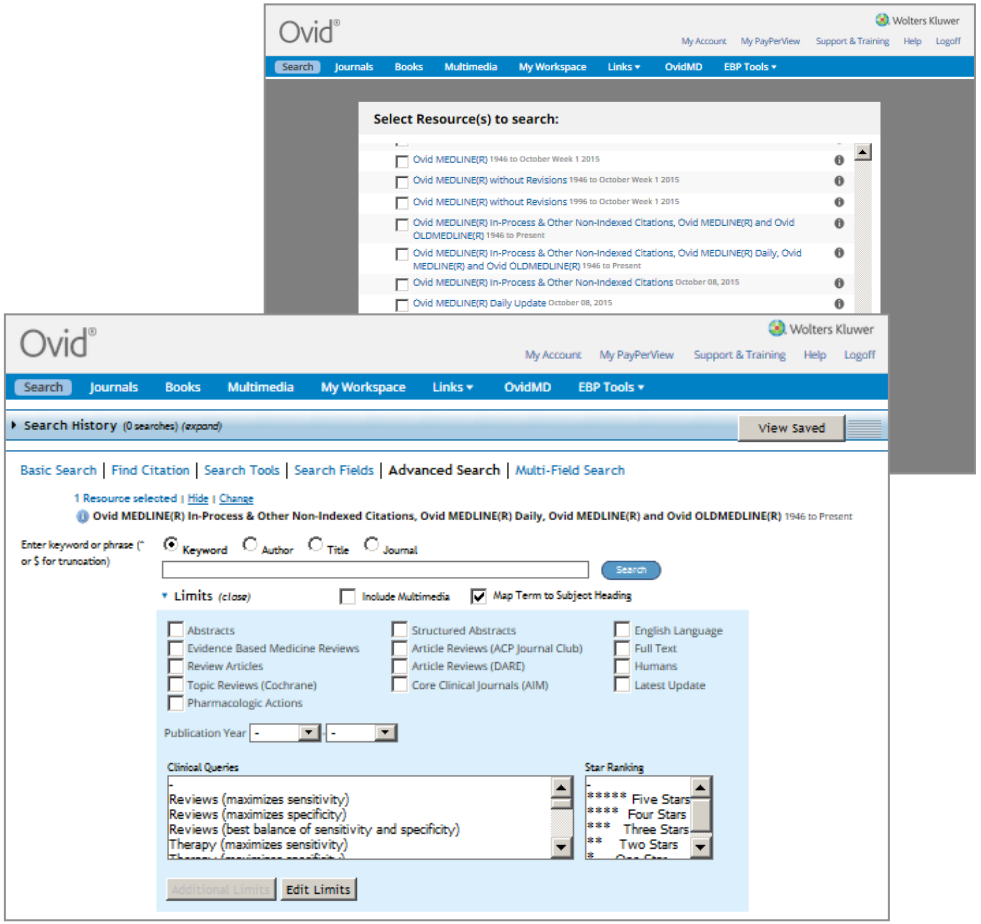
Type: Bibliographic

Focus: Biomedical

Scope: 1946 to date

Journals: 5,600

Records: 28 million



3. Biomedical information on Ovid

*How do we know how many records are in **Ovid MEDLINE** ?*

Essentials:

Provider: NLM, USA

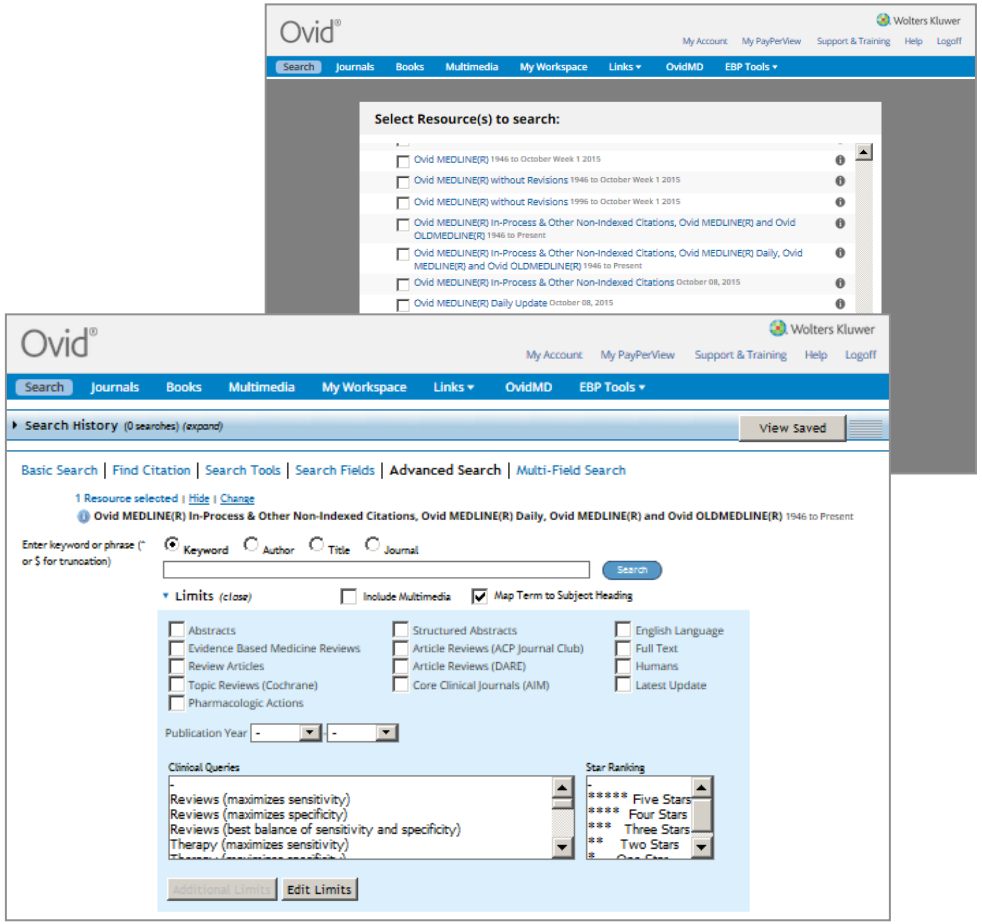
Type: Bibliographic

Focus: Biomedical

Scope: 1946 to date

Journals: 5,600

Records: 28 million



3. Biomedical information on Ovid

Highly structured, the database can be searched in detail.

Question: How can I locate RCTs on Ovid MEDLINE?

Answer: Limits

Note: Limit is “Publication Types”

OR

Answer: Search Filters

Randomised Controlled Trials - MEDLINE

Randomized controlled trials as Topic/
Randomized controlled trial/
Random allocation/
Double blind method/
Single blind method/
Clinical trial/
Exp Clinical Trials as Topic/
Or/1-7
(clinic$ adj trial$1).tw.
((singl$ or doubl$ or treb$ or tripl$) adj (blind$3 or mask$3)).tw.
Placebos/
Placebo$.tw.
Randomly allocated.tw.
(allocated adj2 random).tw.
Or/9-14
8 or 15
Case report.tw.
Letter/
Historical article/
Review of reported cases.pt.
Review, multicase.pt.
Or/17-21
16 not 22

Source: Click here

3. Biomedical information on Ovid

The 3 databases have different origins, focus and scope

1. Profile of the Databases:			
Provider (Country of Origin)	**National Library of Medicine (USA)**		
Resource	**MEDLINE**		
Orientation	Biomedical Science		
Number of Records	28,000,000		
Journals Indexed	5,600		
Coverage Start Date	1946*		
Type of Resource	Bibliographic*		
Publication Diversity	High		
Peer Reviewed	Yes		
2. Searchable Database Fields:			
Title (.ti)	**Yes**		
Abstract (.ab)	**Yes**		
Text Word (.ti,.ab)	**Yes**		
Publication Type (.pt)	**Yes**		
Subject Headings (.sh)	**MeSH / DB specific**		
Full Text	**Indirect**		

3. Biomedical information on Ovid

The 3 databases have different origins, focus and scope

1. Profile of the Databases:			
Provider (Country of Origin)	**National Library of Medicine (USA)**	**Elsevier b.v. (NL)**	
Resource	**MEDLINE**	**Embase**	
Orientation	Biomedical Science	Biomedical Science and Pharmacology	
Number of Records	28,000,000	32,000,000	
Journals Indexed	5,600	8,500	
Coverage Start Date	1946*	1974*	
Type of Resource	Bibliographic*	Bibliographic*	
Publication Diversity	High	High	
Peer Reviewed	Yes	Yes	
2. Searchable Database Fields:			
Title (.ti)	**Yes**	**Yes**	
Abstract (.ab)	**Yes**	**Yes**	
Text Word (.ti,.ab)	**Yes**	**Yes**	
Publication Type (.pt)	**Yes**	**Yes**	
Subject Headings (.sh)	**MeSH / DB specific**	**Emtree / DB specific**	
Full Text	**Indirect**	**Indirect**	

3. Biomedical information on Ovid

The 3 databases have different origins, focus and scope

1. Profile of the Databases:			
Provider (Country of Origin)	**National Library of Medicine (USA)**	**Elsevier b.v. (NL)**	**Thomson-Reuters (USA)**
Resource	**MEDLINE**	**Embase**	**BIOSIS**
Orientation	Biomedical Science	Biomedical Science and Pharmacology	Broad Life Sciences
Number of Records	28,000,000	32,000,000	20,000,000
Journals Indexed	5,600	8,500	5,000*
Coverage Start Date	1946*	1974*	1969*
Type of Resource	Bibliographic*	Bibliographic*	Bibliographic*
Publication Diversity	High	High	High
Peer Reviewed	Yes	Yes	Yes
2. Searchable Database Fields:			
Title (.ti)	**Yes**	**Yes**	**Yes**
Abstract (.ab)	**Yes**	**Yes**	**Yes**
Text Word (.ti,.ab)	**Yes**	**Yes**	**Yes**
Publication Type (.pt)	**Yes**	**Yes**	**Yes**
Subject Headings (.sh)	**MeSH / DB specific**	**Emtree / DB specific**	**Concept Code / DB specific**
Full Text	**Indirect**	**Indirect**	**Indirect**

3. Biomedical information on Ovid

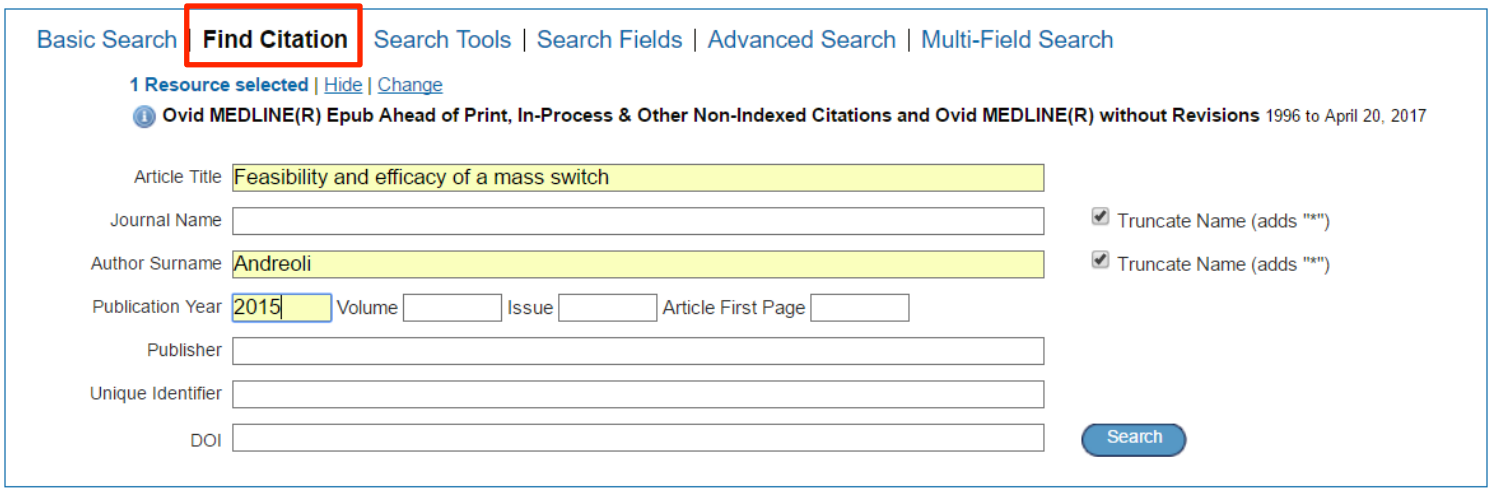
The 3 databases have different origins, focus and scope

1. Profile of the Databases:			
Provider (Country of Origin)	**National Library of Medicine (USA)**	**Elsevier b.v. (NL)**	**Thomson-Reuters (USA)**
Resource	**MEDLINE**	**Embase**	**BIOSIS**
Orientation	Biomedical Science	Biomedical Science and Pharmacology	Broad Life Sciences
Number of Records	28,000,000	31,000,000	20,000,000
Journals Indexed	5,600	8,500	5,000*
Coverage Start Date	1946*	1974*	1969*
Type of Resource	Bibliographic*	Bibliographic*	Bibliographic*
Publication Diversity	High	High	High
Peer Reviewed	Yes	Yes	Yes
2. Searchable Database Fields:			
Title (.ti)	**Yes**	**Yes**	**Yes**
Abstract (.ab)	**Yes**	**Yes**	**Yes**
Text Word (.ti,.ab)	**Yes**	**Yes**	**Yes**
Publication Type (.pt)	**Yes**	**Yes**	**Yes**
Subject Headings (.sh)	**MeSH / DB specific**	**Emtree / DB specific**	**Concept Code / DB specific**
Full Text	**Indirect**	**Indirect**	**Indirect**

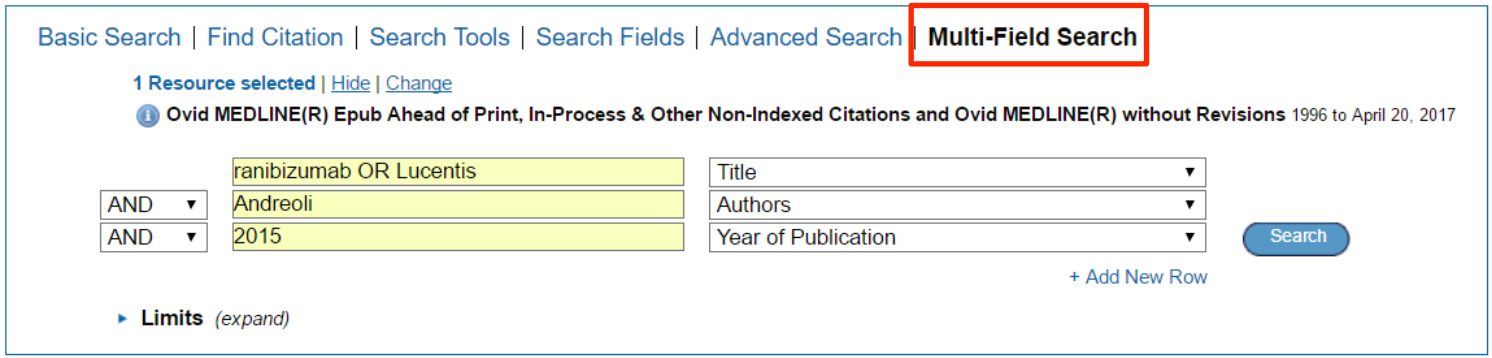
4. Searching on Ovid

Example 1: Find Citation and Multi-Field Search

A. Ovid MEDLINE – Find Citation



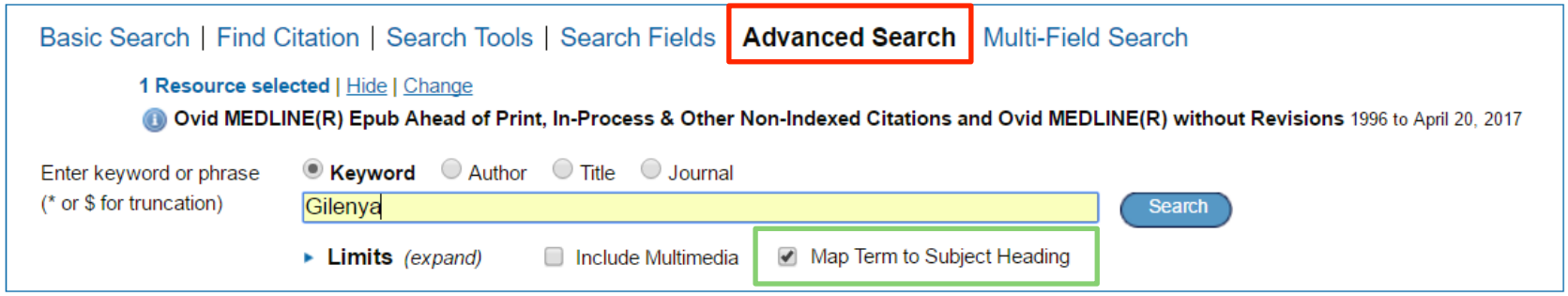
B. Ovid MEDLINE – Multi-Field Search



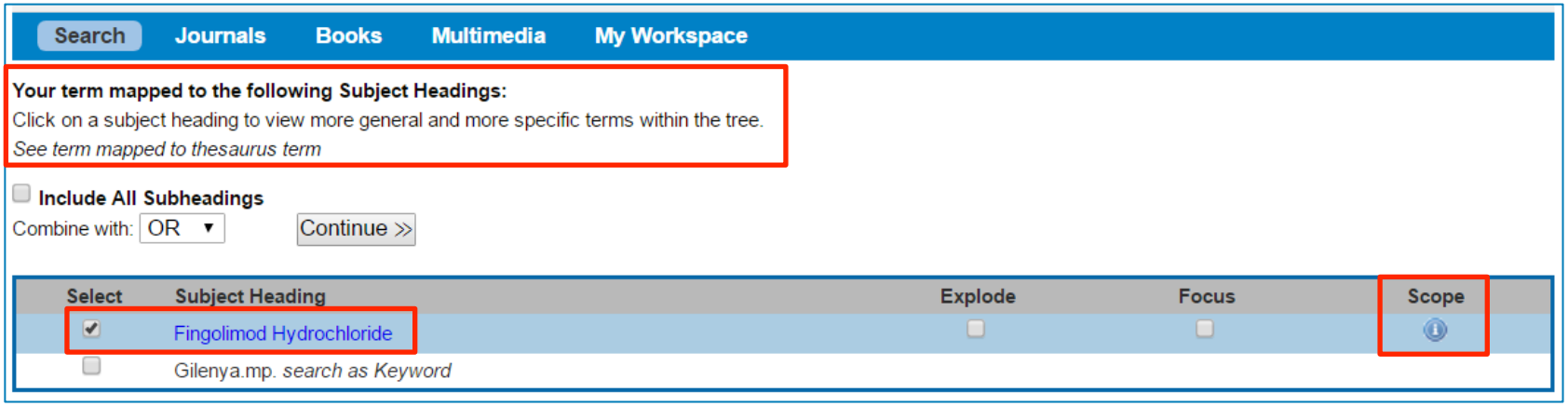
4. Searching on Ovid

Example 2: Advanced Search – Mapping On

A. *Ovid MEDLINE – Advanced Search – With "Map Term to Subject Heading" selected*



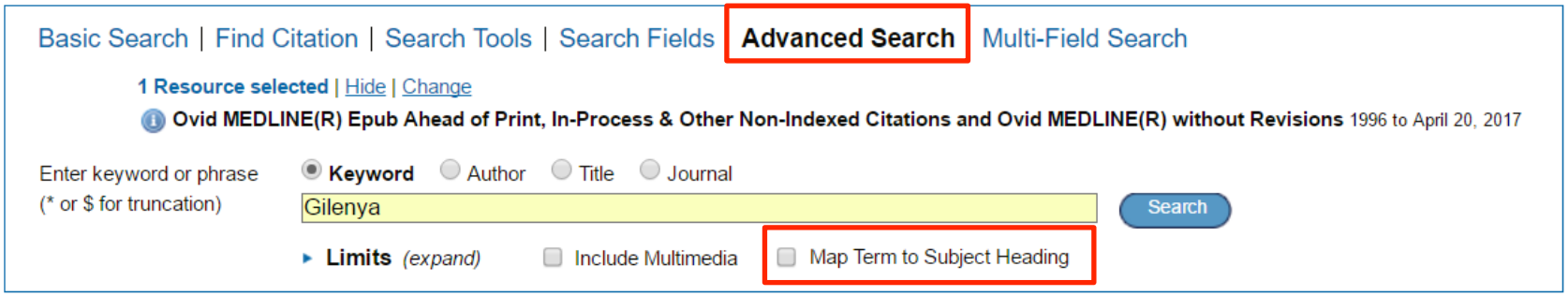
B. *Ovid MEDLINE – Advanced Search – Thesaurus based "concept" search*



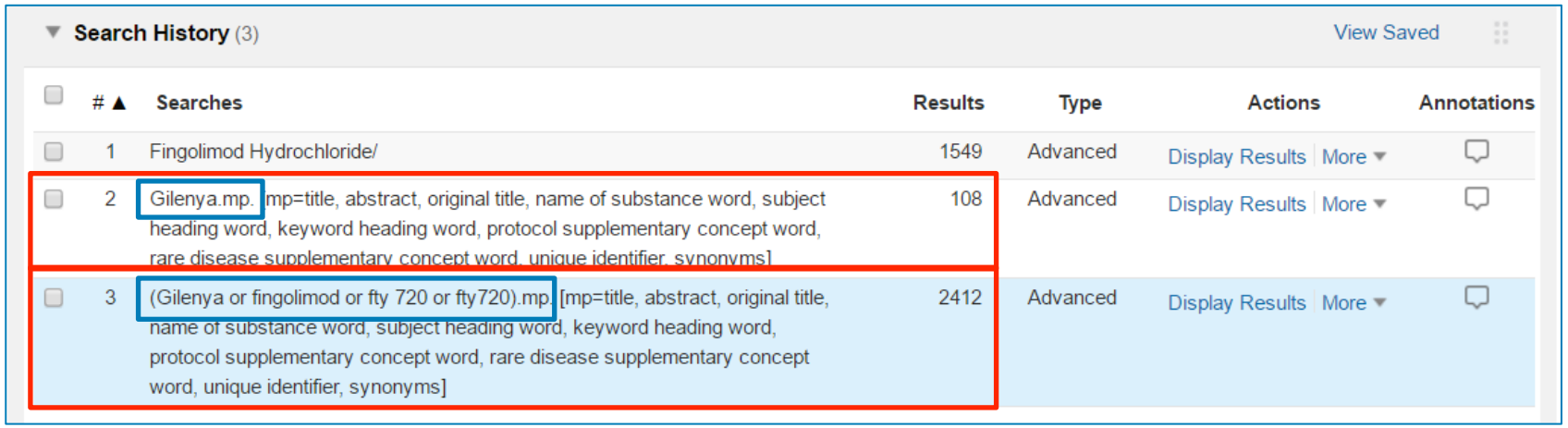
4. Searching on Ovid

Example 3: Advanced Search – Mapping Off

A. *Ovid MEDLINE – Advanced Search – With "Map Term to Subject Heading" NOT selected*



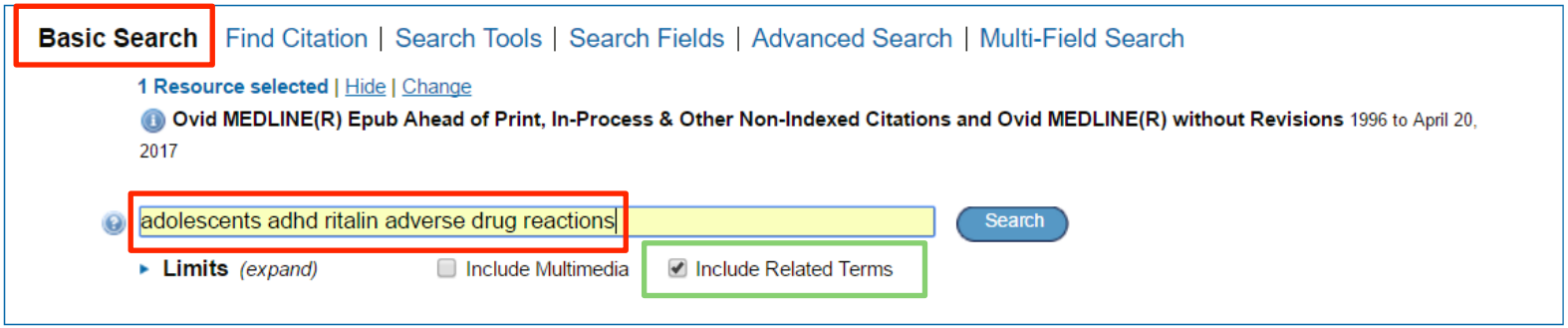
B. *Ovid MEDLINE – Advanced Search – Non-mapped searches default to a .mp search*



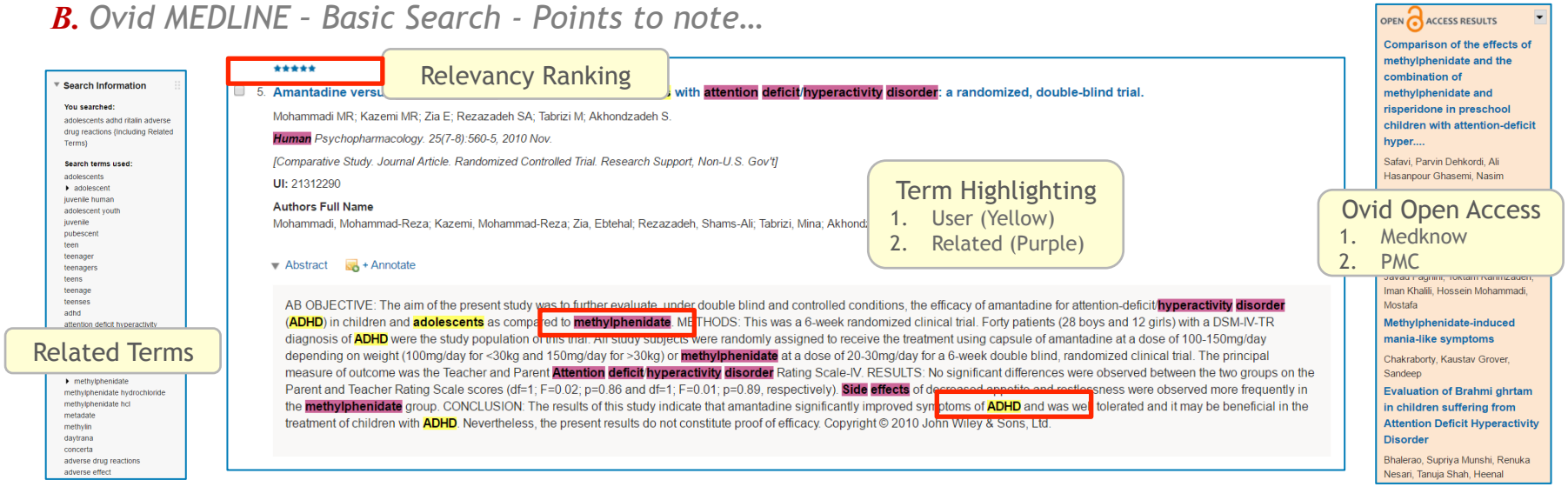
4. Searching on Ovid

Example 4: Basic Search (Natural Language Searching)

A. Ovid MEDLINE – Basic Search



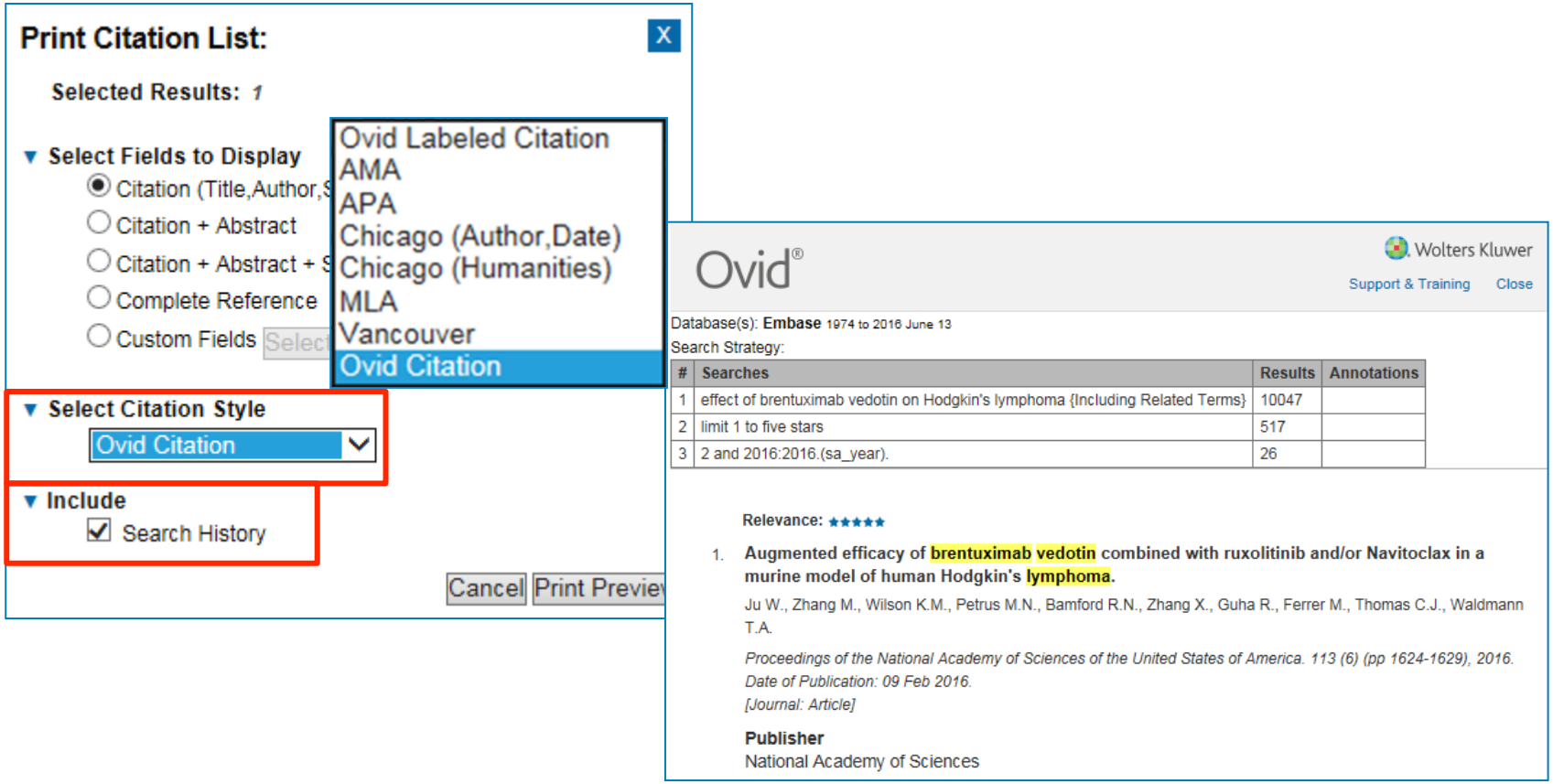
B. Ovid MEDLINE – Basic Search - Points to note…



5. Using and re-using content on Ovid

Print options

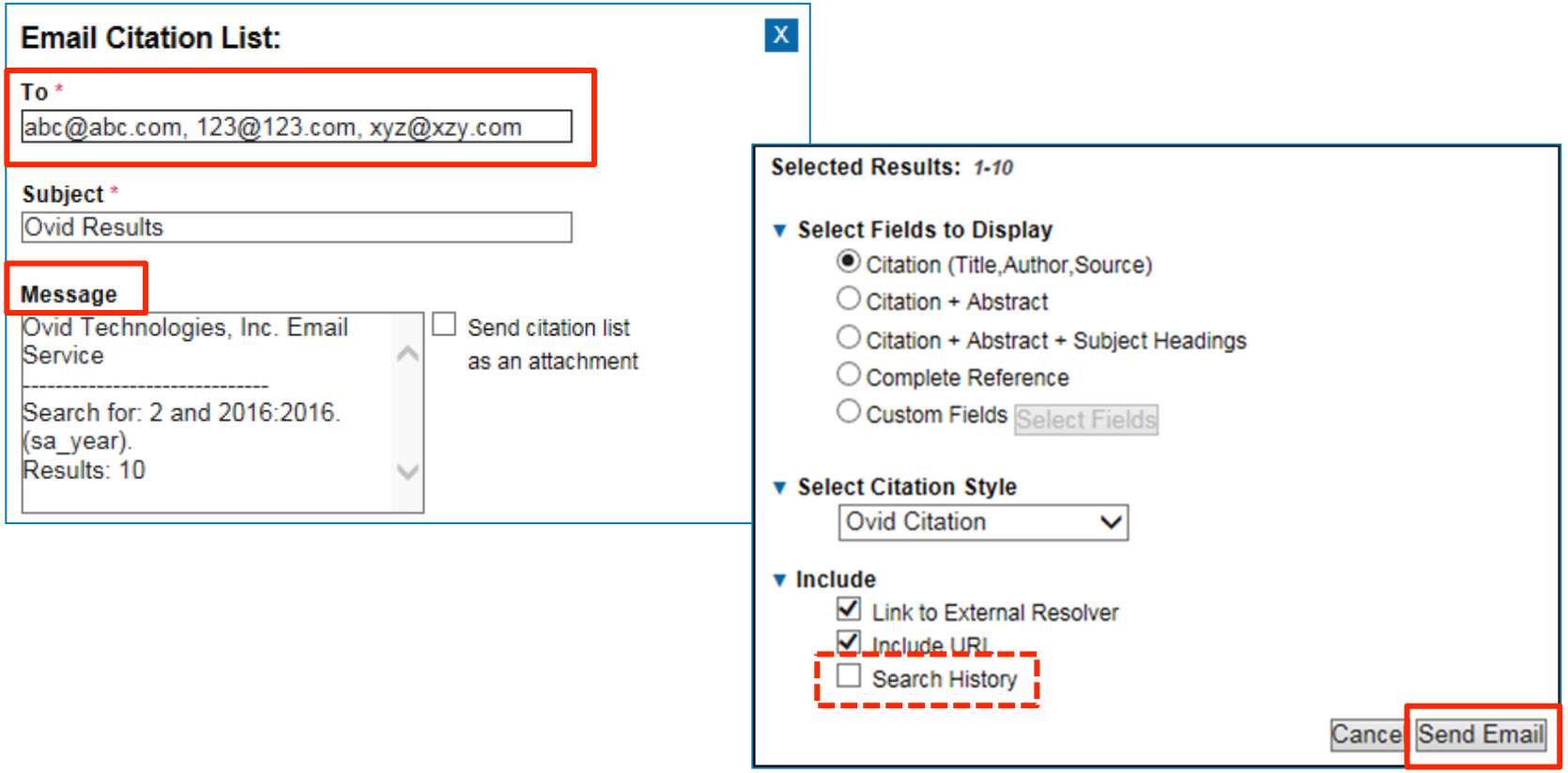
> *Select fields, citation style, search history display…*



5. Using and re-using content on Ovid

E-mail options

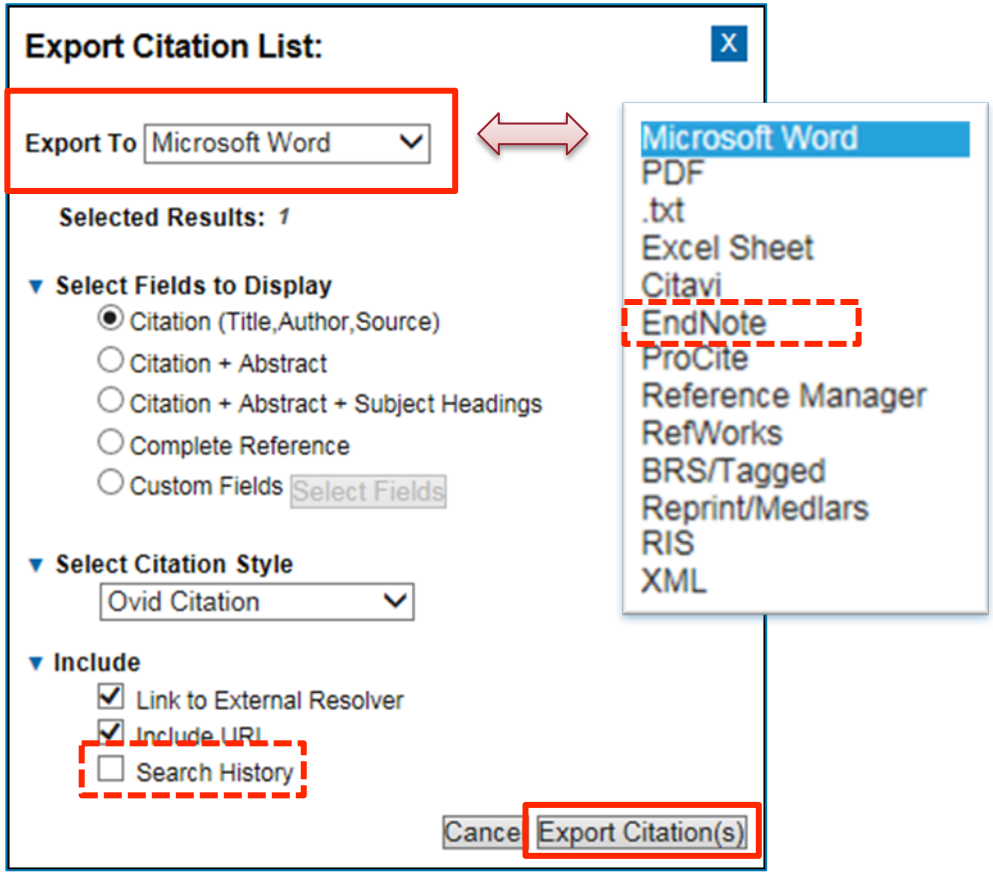
> *Enter individual or distribution e-mails, add messages…*



5. Using and re-using content on Ovid

Export options

> *Enter individual or distribution e-mails, add messages…*



Questions?

Thank you for your time and attention.

Michael Fanning

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

Appendix 1.

Search history for the Practical Examples – Ovid MEDLINE

Search History (16)

# ▲	Searches	Results	Type
1	"Andreoli $" [Author Surname] and "Feasibility and efficacy of a mass switch" [Article Title] and "2015" [Publication Year]	1	Advanced
2	(ranibizumab or Lucentis).ti. and Andreoli *.au. and "2015".yr.	1	Advanced
3	(ranibizumab or Lucentis).af.	3399	Advanced
4	Novartis.in.	9550	Advanced
5	3 not 4	3329	Advanced
6	Fingolimod Hydrochloride/	1549	Advanced
7	Gilenya.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	108	Advanced
8	(Gilenya or fingolimod or fty 720 or fty720).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	2412	Advanced
9	6 or 8	2412	Advanced
10	exp Multiple Sclerosis/	33575	Advanced
11	9 and 10	663	Advanced
12	limit 11 to "review"	229	Advanced
13	limit 12 to yr="2013 - 2017"	112	Advanced
14	adolescents adhd ritalin adverse drug reactions {Including Related Terms}	12907	Basic
15	limit 14 to five stars	220	Advanced
16	limit 15 to systematic reviews	22	Advanced

Appendix 1.

Search history for the Practical Examples – Embase

Search History (16)

# ▲	Searches	Results	Type
1	"Andreoli $" [Author Surname] and "Feasibility and efficacy of a mass switch" [Article Title] and "2015" [Publication Year]	1	Advanced
2	(ranibizumab or Lucentis).ti. and Andreoli *.au. and "2015".yr.	1	Advanced
3	(ranibizumab or Lucentis).af.	6670	Advanced
4	Novartis.in.	29740	Advanced
5	3 not 4	6487	Advanced
6	Fingolimod Hydrochloride/	6946	Advanced
7	Gilenya.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading]	691	Advanced
8	(Gilenya or fingolimod or fty 720 or fty720).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading]	7103	Advanced
9	6 or 8	7103	Advanced
10	exp Multiple Sclerosis/	92200	Advanced
11	9 and 10	4100	Advanced
12	limit 11 to "review"	924	Advanced
13	limit 12 to yr="2013 - 2017"	489	Advanced
14	adolescents adhd ritalin adverse drug reactions {Including Related Terms}	10443	Basic
15	limit 14 to five stars	671	Advanced
16	limit 15 to systematic reviews [Limit not valid in Embase; records were retained]	671	Advanced

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine							
Resource	MEDLINE							
Records Description								
Number	28,000,000							
Type	Bibliographic							
Pub. Diversity	High							
Critically Ass.	Yes							
Searchable Fields (A –Z)								
Abstract	Yes							
Full Text	No							
Keyword	Yes							
MeSH Terms	Yes							
Publicat. Tp.	Yes							
Text Word	Yes							
Title	Yes							

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration					
Resource	MEDLINE	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials					
Records Description								
Number	28,000,000							
Type	Bibliographic							
Pub. Diversity	High							
Critically Ass.	Yes							
Searchable Fields (A –Z)								
Abstract	Yes							
Full Text	No							
Keyword	Yes							
MeSH Terms	Yes							
Publicat. Tp.	Yes							
Text Word	Yes							
Title	Yes							

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration					
Resource	MEDLINE	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials					
Records Description								
Number	28,000,000	9,987	1,087,170					
Type	Bibliographic	Full-text	Bibliographic					
Pub. Diversity	High	Low	Medium					
Critically Ass.	Yes	Yes	Yes					
Searchable Fields (A –Z)								
Abstract	Yes	Yes	Yes					
Full Text	No	Yes	No					
Keyword	Yes	Yes	Yes					
MeSH Terms	Yes	"Jein"	Yes					
Publicat. Tp.	Yes	No	Yes					
Text Word	Yes	Yes	Yes					
Title	Yes	Yes	Yes					

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration	2. UK NHS (York/CRD)	2. UK NHS (CRD)	2. UK NHS (CRD)	2. UK Cochrane Centre (NHS)	
Resource	MEDLINE	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials	Db. Of Review of Abstracts of Effects (DARE)	Health Technology Assessments	NHS Economic Evaluation Db.	Cochrane Methodology Register	
Records Description								
Number	28,000,000	9,987	1,087,170					
Type	Bibliographic	Full-text	Bibliographic					
Pub. Diversity	High	Low	Medium					
Critically Ass.	Yes	Yes	Yes					
Searchable Fields (A –Z)								
Abstract	Yes	Yes	Yes					
Full Text	No	Yes	No					
Keyword	Yes	Yes	Yes					
MeSH Terms	Yes	"Jein"	Yes					
Publicat. Tp.	Yes	No	Yes					
Text Word	Yes	Yes	Yes					
Title	Yes	Yes	Yes					

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration	2. UK NHS (York/CRD)	2. UK NHS (CRD)	2. UK NHS (CRD)	2. UK Cochrane Centre (NHS)	
Resource	MEDLINE	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials	Db. Of Review of Abstracts of Effects (DARE)	Health Technology Assessments	NHS Economic Evaluation Db.	Cochrane Methodology Register	
Records Description								
Number	**28,000,000**	9,987	1,087,170	36,795	16,559	15,015	15,764	
Type	**Bibliographic**	Full-text	Bibliographic	Full-Text(*)	Bibliographic	Bibliographic	Bibliographic	
Pub. Diversity	**High**	Low	Medium	Low	Low	Low	Low	
Critically Ass.	**Yes**	Yes	Yes	Yes	No	Yes	Yes	
Searchable Fields (A –Z)								
Abstract	Yes	Yes	Yes	No	No	No	Yes	
Full Text	No	Yes	No	Yes	No	"Jein"	No	
Keyword	Yes	Yes	Yes	Yes	Yes	No	Yes	
MeSH Terms	Yes	"Jein"	Yes	No	Yes	Yes	No	
Publicat. Tp.	Yes	No	Yes	Yes	Yes	Yes	Yes	
Text Word	Yes	Yes	Yes	Yes	Yes	Yes	No	
Title	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration	2. UK NHS (York/CRD)	2. UK NHS (CRD)	2. UK NHS (CRD)	2. UK Cochrane Centre (NHS)	3. Am. College of Physicians
Resource	**MEDLINE**	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials	Db. Of Review of Abstracts of Effects (DARE)	Health Technology Assessments	NHS Economic Evaluation Db.	Cochrane Methodology Register	ACP Journal Club
Records Description								
Number	**28,000,000**	9,987	1,087,170	36,795	16,559	15,015	15,764	
Type	**Bibliographic**	Full-text	Bibliographic	Full-Text(*)	Bibliographic	Bibliographic	Bibliographic	
Pub. Diversity	**High**	Low	Medium	Low	Low	Low	Low	
Critically Ass.	**Yes**	Yes	Yes	Yes	No	Yes	Yes	
Searchable Fields (A –Z)								
Abstract	Yes	Yes	Yes	No	No	No	Yes	
Full Text	No	Yes	No	Yes	No	"Jein"	No	
Keyword	Yes	Yes	Yes	Yes	Yes	No	Yes	
MeSH Terms	Yes	"Jein"	Yes	No	Yes	Yes	No	
Publicat. Tp.	Yes	No	Yes	Yes	Yes	Yes	Yes	
Text Word	Yes	Yes	Yes	Yes	Yes	Yes	No	
Title	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration	2. UK NHS (York/CRD)	2. UK NHS (CRD)	2. UK NHS (CRD)	2. UK Cochrane Centre (NHS)	3. Am. College of Physicians
Resource	**MEDLINE**	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials	Db. Of Review of Abstracts of Effects (DARE)	Health Technology Assessments	NHS Economic Evaluation Db.	Cochrane Methodology Register	ACP Journal Club
Records Description								
Number	**27,000,000**	9,987	1,087,170	36,795	16,559	15,015	15,764	4,500
Type	**Bibliographic**	Full-text	Bibliographic	Full-Text(*)	Bibliographic	Bibliographic	Bibliographic	Bibliographic
Pub. Diversity	**High**	Low	Medium	Low	Low	Low	Low	Low
Critically Ass.	**Yes**	Yes	Yes	Yes	No	Yes	Yes	yes
Searchable Fields (A –Z)								
Abstract	Yes	Yes	Yes	No	No	No	Yes	Yes
Full Text	No	Yes	No	Yes	No	"Jein"	No	Yes
Keyword	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
MeSH Terms	Yes	"Jein"	Yes	No	Yes	Yes	No	No
Publicat. Tp.	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Text Word	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Title	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Appendix 2. EBMR on Ovid

The 3 main information providers of EBMR resources.

Provider	National Library of Medicine	1. Cochrane Collaboration	1. Cochrane Collaboration	2. UK NHS (York/CRD)	2. UK NHS (CRD)	2. UK NHS (CRD)	2. UK Cochrane Centre (NHS)	3. Am. College of Physicians
Resource	**MEDLINE**	Cochrane Db. Of Systematic Reviews	Cochrane CRg. Of Controlled Trials	Db. Of Review of Abstracts of Effects (DARE)	Health Technology Assessments	NHS Economic Evaluation Db.	Cochrane Methodology Register	ACP Journal Club
Records Description								
Number	**28,000,000**	9,987	1,087,170	36,795	16,559	15,015	15,764	4,500
Type	**Bibliographic**	Full-text	Bibliographic	Full-Text(*)	Bibliographic	Bibliographic	Bibliographic	Bibliographic
Pub. Diversity	**High**	Low	Medium	Low	Low	Low	Low	Low
Critically Ass.	**Yes**	Yes	Yes	Yes	No	Yes	Yes	yes
Searchable Fields (A –Z)								
Abstract	Yes	Yes	Yes	No	No	No	Yes	Yes
Full Text	No	Yes	No	Yes	No	"Jein"	No	Yes
Keyword	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
MeSH Terms	Yes	"Jein"	Yes	No	Yes	Yes	No	No
Publicat. Tp.	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Text Word	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Title	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes