





Cochrane Hypertension Review Group:

http://hypertension.cochrane.org

International organisation committed to helping people make well-informed decisions about prevention, tx of hypertension by preparing, maintaining, promoting systematic reviews of the effects of healthcare interventions for hypertension.

2011 Cochrane Canada Symposium (Vancouver, BC)

Symposium: 16-17 Feb / Pre-Symposium 14-15 Feb

http://ccc-symposium.org



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# **Topics**



Organising your results

Reporting the search

Managing references



## Organising search results



Separate text files for each database of results

Combined file to remove duplicates



# File organisation



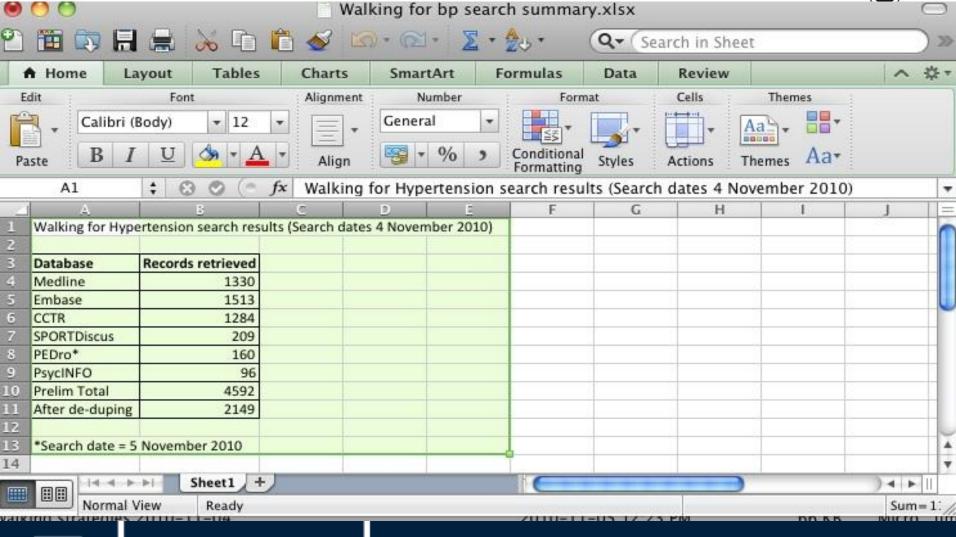
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	Name	Date Modified	Size	Kind	
	🔁 A098 Declarations of Interest Form Douglas Salzwedel.pdf	2010-10-04 2:59 PM	45 KB	Adobeument	
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	Walking - CCTR - 2010-11-04 (1284).txt	2010-11-05 12:36 PM	3.3 MB	Plain Text	
	Walking – Embase – 2010–11–04 (1513).txt	2010-11-05 12:31 PM	5.4 MB	Plain Text	
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	Walking - PEDro - 2010-11-05 (160).txt	2010-11-05 12:42 PM	319 KB	Plain Text	
	Walking - PsycINFO - 2010-11-04 (96).txt	2010-11-05 12:33 PM	336 KB	Plain Text	
	Walking – SPORTDiscus – 2010–11–04 (209).txt	2010-11-05 12:33 PM	741 KB	Plain Text	
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## Organising results





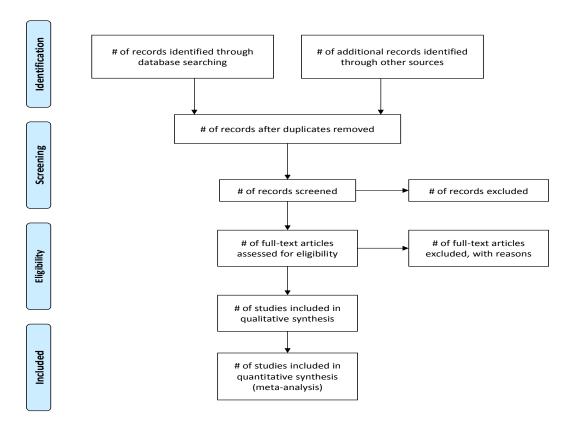


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#### **PRISMA 2009 Flow Diagram**





From: Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group (2009). Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. PLoS Med 6(6): e1000097. doi:10.1371/journal.pmed1000097

For more information, visit www.prisma-statement.org.



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## Organising results – Plan ahead



#### CRD guidance:

- •Set clear rules about who can add, edit records in the database of references retrieved
- Use clear terminology to record decisions when screening
- •Usually preferable to have one person manage the database of references

www.york.ac.uk/inst/crd/guidance.htm



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## Reporting the search



- Need to ensure strategies provide enough detail to be reproducible, transparent
- List all sources searched
- Search strategy used for at least one database
- Time periods of the searches



## Reporting example - Databases



Search methods for identification of studies

The Database of Abstracts of Reviews of Effectiveness (DARE) and the Cochrane Database of Systematic Reviews will be searched for related reviews.

The following electronic databases will be searched for primary studies:

- a) Cochrane Central Register of Controlled Trials (CENTRAL)
- b) Medline (1950-), Embase (1980-), Allied and Complementary Medicine Database (1985-), and the Cochrane Hypertension Group specialised register (1950-)



# Reporting example – Description



Search methods for identification of studies

Electronic databases will be searched using a strategy combining the Cochrane Highly Sensitive Search Strategy for identifying randomized trials in Medline: sensitivity-maximizing version (2008 revision) with selected MeSH terms and free text terms relating to roselle and hypertension. No language restrictions will be used. The Medline search strategy (see Appendix 1) will be translated into the other databases using the appropriate controlled vocabulary as applicable.



# Reporting example – Other steps



Search methods for identification of studies

#### Other sources:

- a) Hand searching of high-yield journals
- b) Reference lists of all papers and relevant reviews identified
- c) Authors of relevant papers will be contacted regarding further published or unpublished work
- d) Authors of trials reporting incomplete information will be contacted to provide missing information





# Exporting search strategies

## Demo



## Publish your strategies!



#### Include:

- The name of the database searched
- The name of the host/system/vendor/interface used
- The date when the search was run
- The years covered by the search

#### Example:

Ovid Medline searched 1950-June 2010



## Well-documented searches...



Contribute to transparent, reproducible reviews

Updating the review is faster, easier

Avoid needless duplication of results



# Managing References - Steps



- 1. Export each set of references into a separate EndNote library for the database searched
- 2. Combine records from all databases searched (Medline, Embase...) into one Endnote database
- 3. Remove duplicates (iterative process)





# EndNote demo



## De-duplication - Endnote



#### **Exact Match:**

author, title, year, journal, pages...

## Iterative process

- Capture all duplicates
- Avoid accidental deletions





## RefWorks

Katherine Miller, Reference Librarian





# Importing Records Identified through Database Searching



# The Library

## Google Scholar

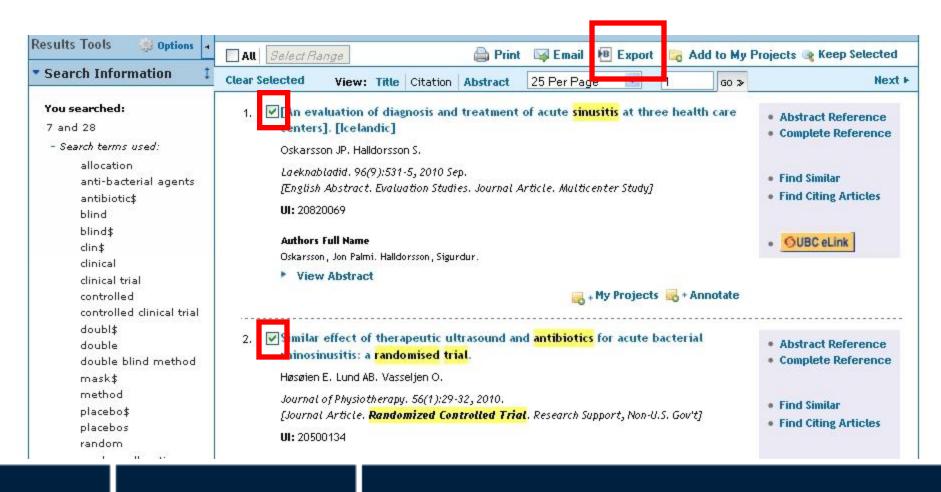




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## Medline (OVID)



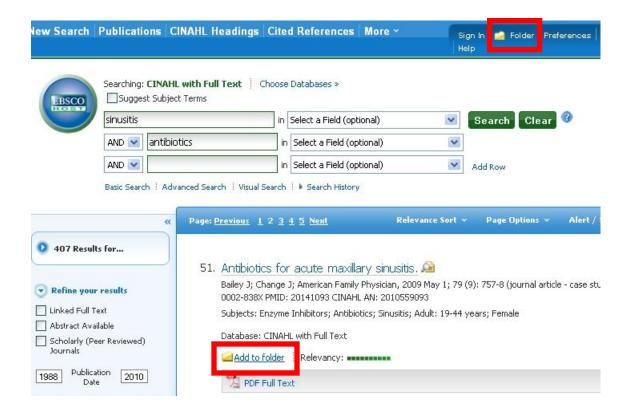




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#### CINAHL



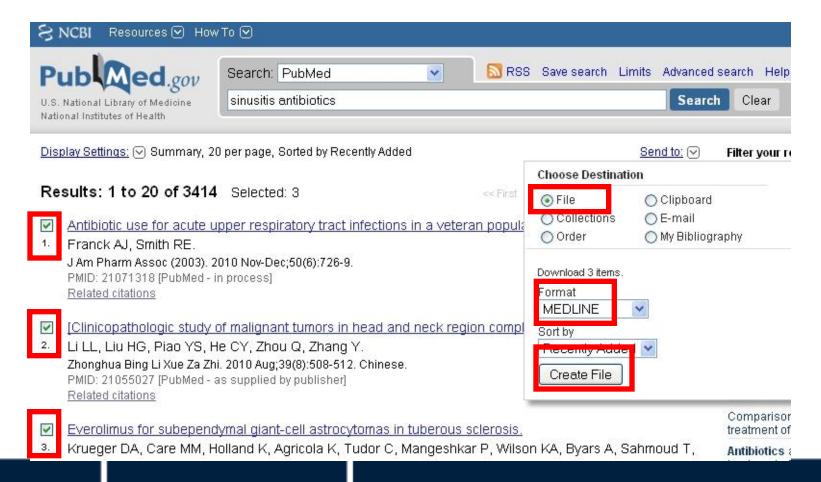




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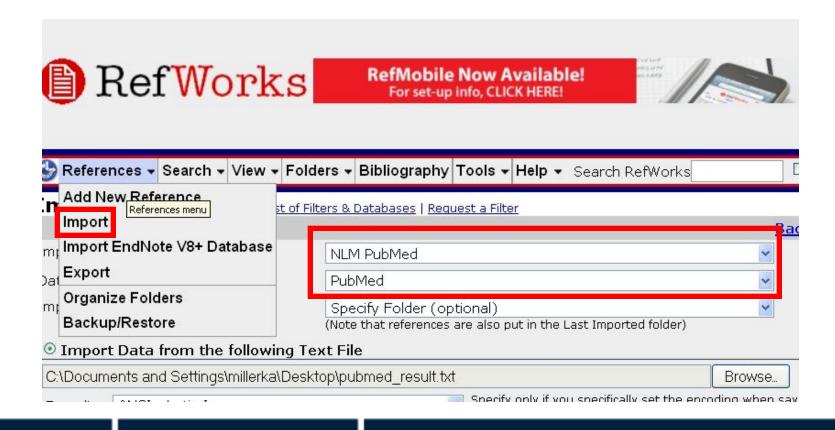




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# **Managing Citations**







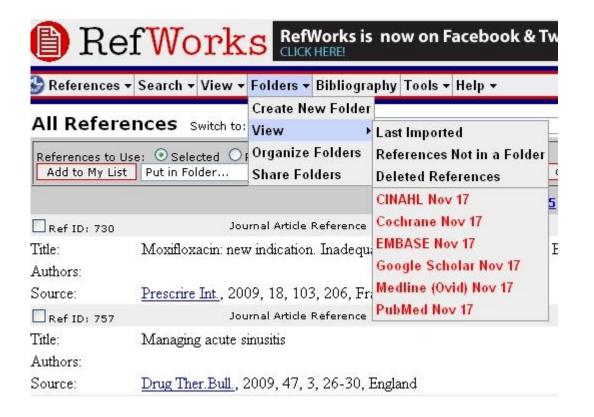
## Manage Citations with Folders









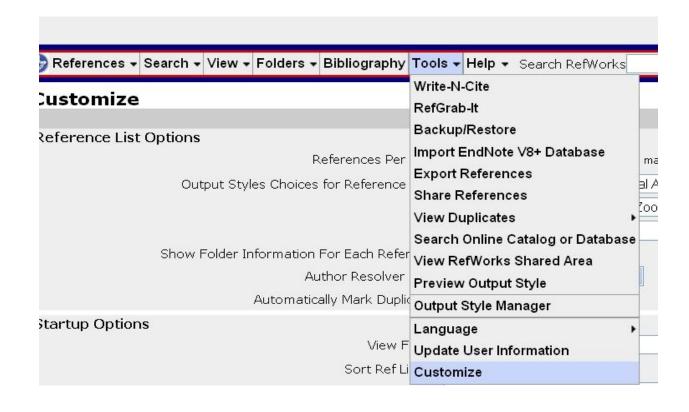




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#### Customization of Fields







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## **Customization of Fields**



Import Options						
Default Source Type for Imported References	Print 💌					
Show Option for Global Edit of Electronic Source Related Fields After Import						
RefWorks Links						
Show PubMed	⊙ Yes O No					
Reference Edit Options						
Enable Term Assistant	⊙ Yes ○ No					
Default Output Language	Unknown					
User Field Options						
User 1 Field Name	Search Strategy					
User 2 Field Name						



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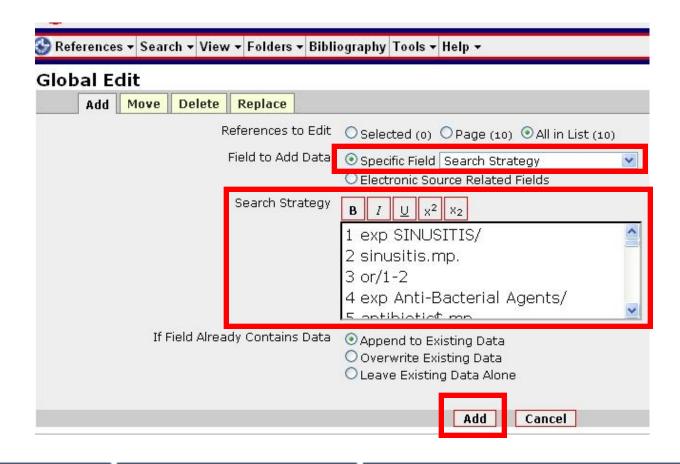


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# Data Deduplication



## Deduplication



- Exact Match: author, title and year of publication fields
- Close Match: loose comparison of same 3 fields
- Recommendation: 2 accounts:
  - 1. Complete data & 2. Deduped data



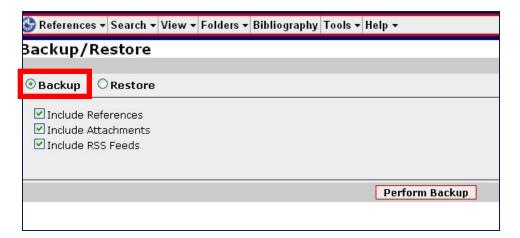


# **Exporting Options**













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## **Export**



RefWo	F	Welcome, Katherine Mille <u>R</u> University of British Col			
References ▼ Search ▼	Search RefWorks				
Export					
			Back		
References to Include		se a Folder			
Export Format  Explanation of Export Formats	Bibliographic Software (EndNote,Reference Manager,ProCite)				
	O BibTeX - RefWorks ID				
	O Citation List				
	O RefWorks Tagged Format				
	O RefWorks XML Format				
	O Tab Delimited				
	O XML (deprecated)				
	Export to Text File				



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**Document Formats Supported** 



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## Bibliography



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# Questions?

