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THE UNIVERSITY OF BRITISH COLUMBIA

Systematic Review Literature Workshop Dec. 1, 2011

**Documenting and Managing the Process:
Staying Sane**





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UBC LIFE SCIENCES LIBRARIES:

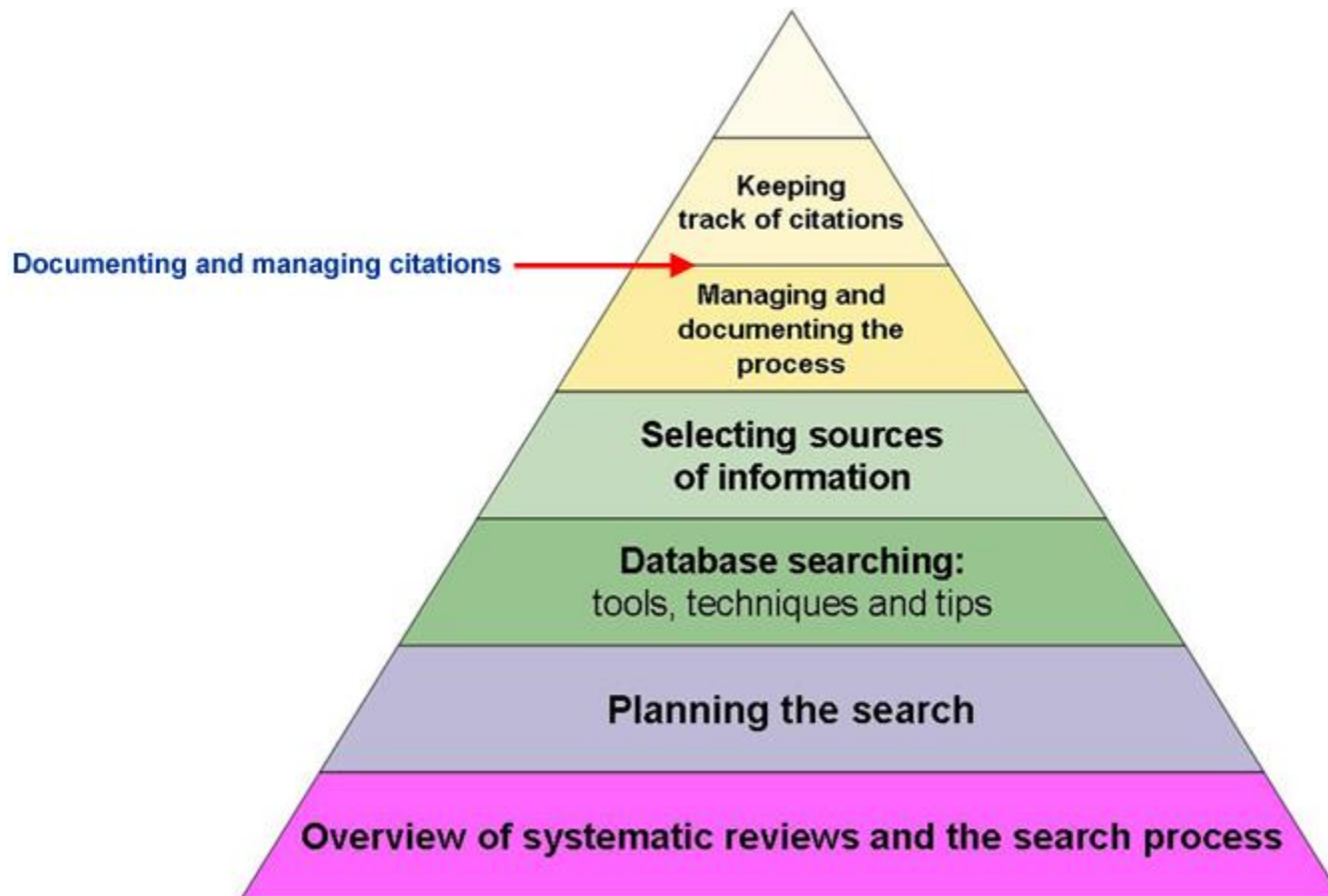
Biomedical Branch Library
Hamber Library
St. Paul's Hospital Library
Woodward Library

Contact:

Charlotte Beck
Reference Librarian
Woodward Library
2198 Health Sciences Mall
Vancouver, BC
V6T 1Z3
charlotte.beck@ubc.ca
Phone: 604-822-2884



Documenting and Managing the Process: Staying Sane



Working in Tandem

Requirements



Process



Requirements (Best Practices)

Cochrane Manual: process

CRD Manual: description examples

PRISMA: flow chart and checklist

PRESS: checklist

Steps to a Cochrane Systematic Review

<http://www.cochrane-handbook.org/>

- SEARCHING FOR STUDIES CHAPTER 6
- 6.3.1 - the search process *needs to be documented* in enough detail throughout to ensure that it can be reported correctly in the review, to the extent that all the searches of all the databases are *reproducible*.
- It is recommended that review authors *seek guidance from a healthcare librarian or information specialist*, where possible with experience of supporting systematic reviews.



Cochrane Handbook continued . . .

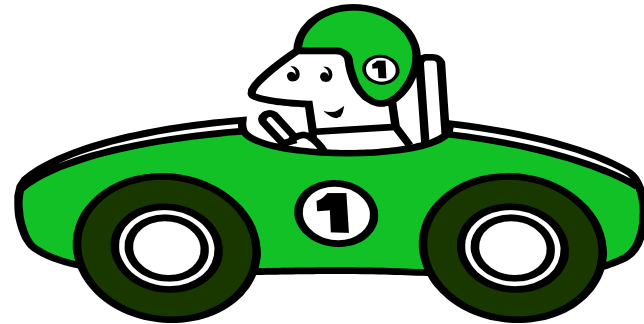
- ❑ Chapter 5 elements in the defined question

- ❑ APPENDIX A.5 main text section
 - Types of studies
 - Search methods for identification of studies
 - Searching other resources

Documentation of methodology

❑ Sources

- Database name
- Platform
- Period searched



❑ Search

- Strategy used incl. subject headings, keywords, limits etc.
- Date last searched



Centre for Reviews and Dissemination - CRD

<http://www.york.ac.uk/inst/crd/SysRev/!SSL!/WebHelp/SysRev3.htm>

- Search Strategy Examples
- Description (IE ONLY)



PRISMA

- Preferred reporting of systematic reviews and meta analyses
 - [Flow diagram](#)
 - [Checklist](#)



Press

❑ Preferred reporting of electronic search strategies

- [Examples of searches in different databases](#)
- [Checklist – Appendix G](#)
- [Data abstraction form - Appendix B](#)



Other tools

- Revman
- Trialstat
- Software from EPPI, Joanna Briggs etc



Staying Organized

- Word table – tracks progress
- Edit OvidSP search
- Record the hits (track in Refworks folders)
- Date stamp searches in databases
- Use Grey Matters
- Note correspondence with contacts
- TRACK EVERYTHING**

TIPS to stay on track . . .

| TASKS | STRATEGIES AND TOOLS |
|-------------------------------|---|
| Has it been done before? | Search tips for finding systematic reviews |
| What can be "borrowed" | Reverse engineering |
| Identify main concepts | Word table |
| Build basic search strategy | Medline in Ovidsp – able to edit search strategy |
| Alternate sources and methods | Record in Word see Grey matters |
| PRISMA Flow chart | Track hits in Refworks |
| Describe search process | Record as per reporting criteria in Cochrane Manual 6.6.2.2 |
| Describe search strategy | Use your Medline OvidSP example |



Word tables: 1. Concept notes

| Concept | Term | Resource | Notes |
|---------|----------------------|----------|--------------------------------|
| ABI | Brain injuries/ | Medline | Need to explode? |
| Wii | Video games/ | Medline | How far back? |
| | Play and playthings/ | Medline | Too broad |
| | | | Too old for current technology |
| | | | |

Word tables 2. Keep track of new ideas

| Concept | Keyword | Subject heading (Medline) | Subject heading (CINAHL) |
|---------|------------------------|---------------------------|--------------------------|
| ABI | Acquired brain injur* | Exp brain injuries/ | MH Brain injuries |
| | Traumatic brain injur* | | |
| | Encephalopath* | | |
| | Brain contusion* | | |

RefWorks

- ❑ Separate accounts for processes
 - Managing bibliography
 - Managing systematic review
- ❑ Store results in different folders
- ❑ Export database to another account
- ❑ Deduplicate in 2nd account



Workshops on specific topics

- Watch for emails**
- UBC Library events**
- Digital signage**
- In person on campus or hospital sites**
- Online**



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Resources and powerpoint slides

<http://www.library.ubc.ca/life/workshops/SystematicReviewLiterature/>



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