
40th Jubilee Conference of Medical Libraries

11th-12th September 2023,
Kraków, Poland.

Workshop

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The Workshop

The role and tasks of
medical librarians during
the systematic review
preparation process

The Role

Librarian



SR Reviewer



...the reviewer seeks, the librarian guides...

The Tasks

1. Organise a research interview
2. Establish the research question (FINE+IC)
3. Establish the type of systematic review
4. Determine resources, scope and scale
5. Become familiar with relevant sources
6. Conduct preliminary searches
7. Conduct detailed searches, save, review...
8. Re-assess research question and methods

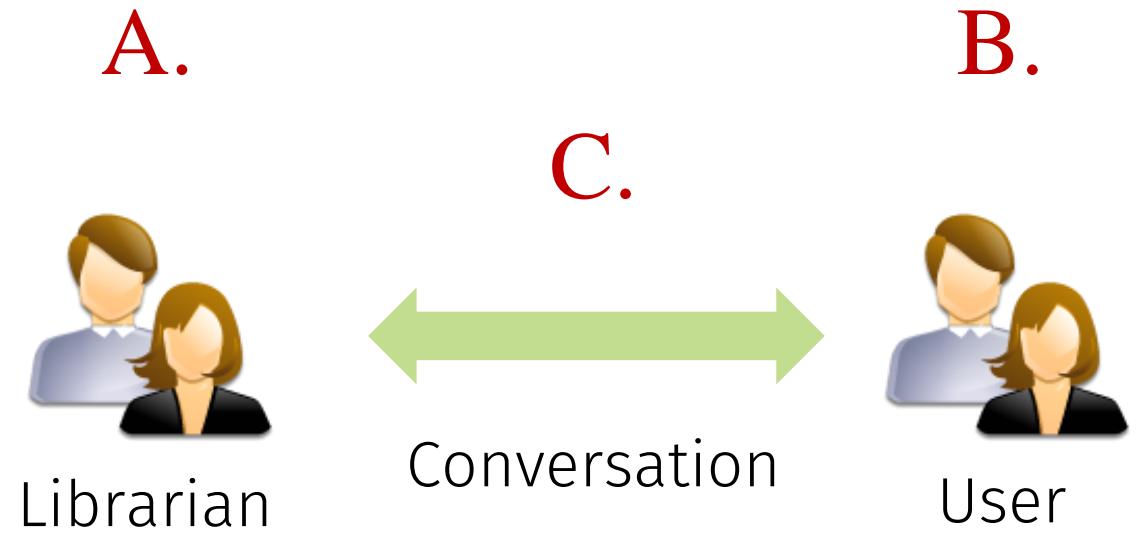


The Tasks: 1. Organise a research interview

Definition:

“A reference interview is a conversation between a librarian and a library user, usually at a reference desk, in which the librarian responds to the user's initial explanation of his or her information need by first attempting to clarify that need and then by directing the user to appropriate information resources.”

Wikipedia, 1/3/2023



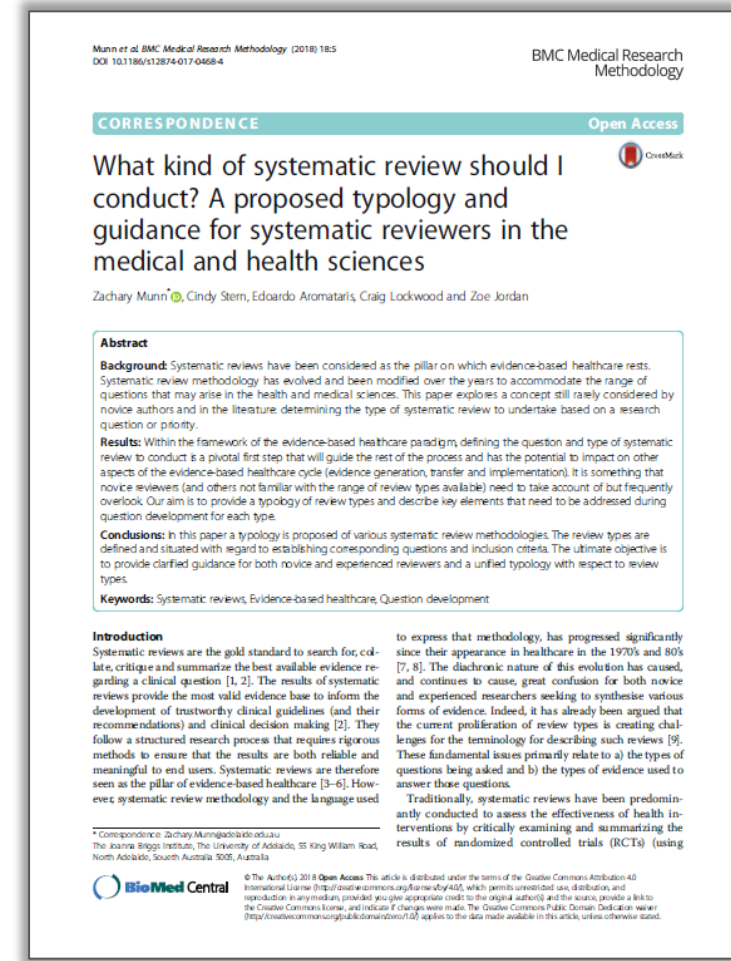
The Tasks: 2. Establish the research question (FINE+IC)

- ✓ **Trainer Tip:** Start by articulating your ideas for the research question on a blank piece of paper.
- ✓ **Rationale:** You will have more agency over your ideas and their flexibility.
- ✓ **Key Benefits:** Doing so will help you recognise assumptions early on and reduce the likelihood of database bias.



The Tasks: 3. Establish the type of systematic review

1. Qualitative reviews
2. Effectiveness reviews
3. Reviews of text and opinion
4. Reviews of prevalence and incidence
5. Economic evidence reviews
6. Etiology and/or risk reviews
7. Mixed methods reviews
8. Diagnostic test accuracy reviews
9. Umbrella reviews
10. Scoping reviews
11. Reviews of measurement properties



See <https://jbi-global-wiki.refined.site/space/MANUAL>

Click < [here](#) > to retrieve source article.

The Tasks: 4. Determine resources, scope and scale



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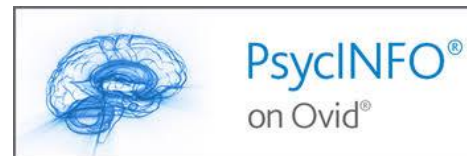
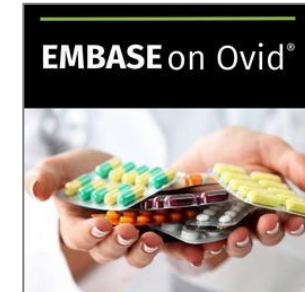
The Tasks: 5. Become familiar with relevant sources

Systematic Reviews
(Study Specific Repositories)



KSR Evidence

*Other Documents/
Units of Analysis*
(Biomedical Databases)



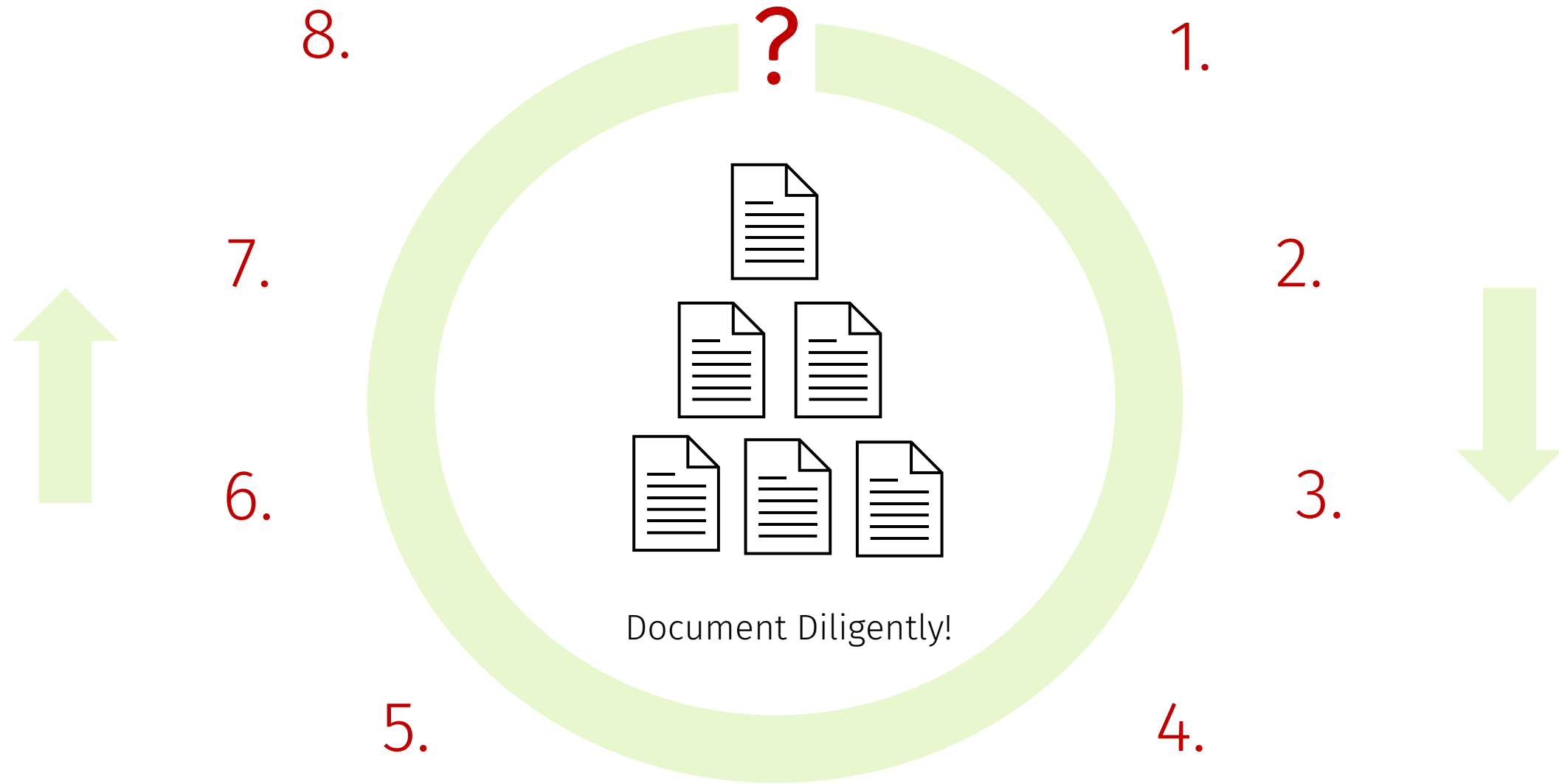
The Tasks: 6. Conduct preliminary searches

<input type="checkbox"/>	# ▲	Searches	Results	Type	
<input type="checkbox"/>	1	exp Migraine Disorders/	31837	Advanced	
<input type="checkbox"/>	2	(migraine\$ or sick headache\$ or status migrainosus).mp.	46735	Advanced	First Concept
<input checked="" type="checkbox"/>	3	1 or 2	46780	Advanced	
<input type="checkbox"/>	4	exp Acupuncture Therapy/	29164	Advanced	
<input type="checkbox"/>	5	(acupuncture therap\$ or acupuncture treatment\$ or acupuncture analgesia or ear acupuncture or electroacupuncture or meridian\$ or acupuncture point\$ or moxibustion).mp.	36776	Advanced	Second Concept
<input checked="" type="checkbox"/>	6	4 or 5	36953	Advanced	
<input type="checkbox"/>	7	Randomized Controlled Trial/	597030	Advanced	
<input type="checkbox"/>	8	randomized controlled trial.mp.	641674	Advanced	Third Concept
<input checked="" type="checkbox"/>	9	7 or 8	641674	Advanced	
<input checked="" type="checkbox"/>	10	3 and 6 and 9	121	Advanced	

The Tasks: 7. Conduct detailed searches, save, review...

Permanent Searches		56					
<input checked="" type="checkbox"/>	Concept 1 - Migraine - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	First Concept	Permanent	★	✉	✎	👁
<input checked="" type="checkbox"/>	Concept 2 - Acupuncture Therapy - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023	Second Concept	Permanent	★	✉	✎	👁
<input type="checkbox"/>	Concept 3 - RCTs - Version 1 Author: MF / Resource: Ovid MEDLINE / Run: 9th July 2023		Permanent	★	✉	✎	👁
<input type="checkbox"/>	Concept 3 - RCTs - Version 2 - Search Filter - SIGN Author: SIGN, Scotland / Resource: The ISSG Search Filter Resource, Randomized Controlled Trials and Other Trials: Filters / Run: 17th July 2023		Permanent	★	✉	✎	👁
<input checked="" type="checkbox"/>	Concept 3 - RCTs - Version 3 - Search Filter - Cochrane Author: Cochrane / Resource: Cochrane Handbook, v.6.3, Tech.Supp 4.S1, page 62, RCT Filter Sensitivity-Precision Maximising / Run: 17th July 2023	Third Concept	Permanent	★	✉	✎	👁

The Tasks: 8. Re-assess research question and methods



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Biblioteka Medyczna

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Cochrane Handbook, 4.S1 Technical Supplement to Chapter 4: Searching for and selecting studies

<https://training.cochrane.org/handbook/current/chapter-04-technical-supplement-searching-and-selecting-studies>

JB I Manual for Evidence Synthesis (2020)

<https://jbi-global-wiki.refined.site/space/MANUAL>

Systematic Reviews CRD's guidance for undertaking reviews in health care (2009)

https://www.york.ac.uk/media/crd/Systematic_Reviews.pdf

Developing NICE guidelines: the manual, Chapter 5: Identifying the evidence: literature searching and evidence submission (2020)

<https://www.nice.org.uk/process/pmg20/chapter/identifying-the-evidence-literature-searching-and-evidence-submission>

Facts and figures about systematic reviews in health care, and the current state-of-affairs (2023)

<https://www.wolterskluwer.com/en/events/facts-and-figures-about-systematic-reviews-in-health-care-and-the-current-state-of-affairs>