

WORKSHOP EXERCISES:

Introduction to Systematic Review Searching

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1. BRIEF INTROS: getting to know you

What's your background?

Why are you interested in learning to do a systematic review?

2. HANDS ON: finding existing systematic reviews (3 minutes)

Search the PROSPERO registry to find existing systematic reviews related to your topic

Tip: don't overcomplicate it – just try a few keywords

<https://www.crd.york.ac.uk/PROSPERO/>

3. HANDS ON: formulating your research question (5 minutes)

Describe your research question of interest in one or two sentences.

Then, break down your research question into PICOS/SPIDER format

PICOS

P	Patient / population	Patients with heart failure
I	Intervention	Telemedicine
C	Comparison intervention	Conventional clinical assessment and treatment
O	Outcome(s)	Functional outcome, as measured by modified Rankin Score (mRS)
S	Study type	Randomised controlled trials

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I	Intervention	
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SPIDER

S	Sample group	Pre-school, primary, and secondary students
P I	Phenomenon of Interest	Mindfulness programs
D	Design	Quasi-experimental design (QED)
E	Evaluation	Socio-emotional outcomes Behavioural outcomes Academic outcomes
R	Research type	Mixed methods

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P I	Phenomenon of Interest	
D	Design	
E	Evaluation	
R	Research type	

4. HANDS ON: using subject headings (5 minutes)

1. Go to www.latrobe.edu.au/library -> Databases tab -> M -> MEDLINE
2. Pick ONE concept from your topic. Find TWO subject heading terms to use.

- *You may not find any subject headings for your concept at all – that's fine!*
- *Use the scope note to find out more and explore other candidate search terms*
- *Click on the subject heading itself to explore the thesaurus tree*
- *Would you 'explode' your subject heading, or not? Why or why not?*

5. HANDS ON: searching for unpublished literature

Search ClinicalTrials.gov for unpublished randomised controlled trials

<https://clinicaltrials.gov/>

OR

Search Australian Policy Online for grey literature (government reports, white papers, etc)

<http://apo.org.au/>