

# WORKSHOP EXERCISES:

## Introduction to Systematic Review Searching

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*20<sup>th</sup> September 2017*

### 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

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

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## SPIDER

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

<b>S</b>	<b>Sample group</b>	
<b>P I</b>	<b>Phenomenon of Interest</b>	
<b>D</b>	<b>Design</b>	
<b>E</b>	<b>Evaluation</b>	
<b>R</b>	<b>Research type</b>	

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

1. Go to [www.latrobe.edu.au/library](http://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 HANDS ON: searching for unpublished literature

Search ClinicalTrials.gov for unpublished randomised controlled trials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/>