

Systematic Reviews

Introduction to Systematic Reviews

Types of review

Systematic searching for Faculty of Health students

Systematic Reviews in Science and Engineering

Timescales and processes

Question frameworks (e.g PICO)

Inclusion and exclusion criteria

Where to search

Search Techniques

Subject heading searching (e.g MeSH)

Database video & help guides

Systematic Reviews



Using a framework to structure your research question

Your systematic review or systematic literature review will be defined by your research question. A well formulated question will help:

- Frame your entire research process
- Determine the scope of your review
- Provide a focus for your searches
- Help you identify key concepts
- Guide the selection of your papers

There are different models you can use to structure help structure a question, which will help with searching.



**Documenting your search
and results****Data management****How the library can help****Systematic reviews A to Z****FAQs****Selecting a framework****PICO**

PEO

PCC

SPIDER

SPICE

ECLIPSE

What if my topic doesn't fit a framework?

A model commonly used for clinical and healthcare related questions, often, although not exclusively, used for searching for quantitatively designed studies.

Example question: Does handwashing reduce hospital acquired infections in elderly people?

| | | | |
|----------|---------------------------------|--|-------------------|
| P | Population | Any characteristic that define your patient or population group. | Elderly people |
| I | Intervention | What do you want to do with the patient or population? | Handwashing |
| C | Comparison (if relevant) | What are the alternatives to the main intervention? | No handwashing |
| O | Outcome | Any specific outcomes or effects of your intervention. | Reduced infection |

Richardson, W.S., Wilson, M.C, Nishikawa, J. and Hayward, R.S.A. (1995) 'The well-built clinical question: a key to evidence-based decisions.' *ACP Journal Club*, 123(3) pp. A12

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