Literature Review Workshop for Health & Clinical Sciences

7th November 14:00 – 15:30

Learning and Skills Team

Library Services

libraryservices@kcl.ac.uk
How confident do you feel when searching for information for your studies?

Tell me at

https://www.surveymonkey.co.uk/r/LIB229
Welcome!

• Where do you currently search for information?

• What do you find difficult about searching for information?
Today’s aim

To help you feel more confident when searching for information.
Learning Objectives

• How do I plan a search?

• Where should I search?

• What techniques can I use to improve my results?
Failing to plan is planning to fail.
Planning a search

1. Create a focussed research question
2. Identify your key concepts
3. List your search terms
Focus your question

What is the most effective intervention for treating eating disorders?

Is cognitive behavioural therapy better than antidepressants for treating eating disorders?
Identify key concepts and search terms

<table>
<thead>
<tr>
<th>Cognitive behavioural therapy</th>
<th>Antidepressant/s</th>
<th>Eating disorder/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBT</td>
<td>SSRIs</td>
<td>Anorexia</td>
</tr>
<tr>
<td>Talking therapy</td>
<td>Drug/s</td>
<td>Binge eating</td>
</tr>
<tr>
<td>Cognitive therapy</td>
<td>Medication/s</td>
<td>Bulimia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unhealthy eating</td>
</tr>
<tr>
<td></td>
<td></td>
<td>habits</td>
</tr>
</tbody>
</table>

Why is it helpful to brainstorm as many alternative terms as possible?
Cognitive Behavioural Therapy

- Broader term: Psychotherapy
- Narrower term: Acceptance therapy
- Related term: Behaviour Therapy
- Acronym: CBT
- Synonym: Cognitive Behavioral therapy
- Alternative Spelling: Cognitive Behavioral Therapy
- Talking therapies
Practice Planning

1. Create a focussed question
2. Identify the key concepts
3. List your search terms
4. Discuss your ideas with your neighbour
Where should I look for information?

- King’s subscribes to over 500 databases!
- Library guides - top databases for a subject.
- Visit the library guide appropriate for your research topic
  libguides.kcl.ac.uk/
Free text/keyword searching

- Most common way to search a database – how we search Google and Library Search
- Matches the text of your search terms against the title and the abstract of papers
Phrase searching

“Dental anxiety”
“primary school children”
“cognitive behavioural therapy”

Use quotation marks to search for **two or more** words together.
Phrase searching will help you be **specific**.
Truncation and Wildcards

Use the truncation symbol * to find alternative word endings.

Therap* → Therapy
Therapies
Therapist
Therapists
Therapeutic

Use the wildcard symbol ‘?’ to find alternative spellings, e.g. US and UK

P?ediatrics → Pediatrics
Paediatrics
How would you describe the age of these people?
Subject Heading searching

- Used in medical databases – EMBASE, Medline, CINAHL
- Searches across tags/labels assigned to articles in the database
- Also known as thesaurus searching
cognitive behavioral therapy (US spelling)
cognitive behavioural therapies
cognitive psychotherapies
cognition therapy
cognition therapies
Combining with OR and AND

Cognitive behavioural therapy OR talking therapy OR Cognitive therapy

Cognitive behavioural therapy AND eating disorders

Your template will give you a hint when to use AND and OR.
How to search a database

1. Use a combination of free text and subject headings
2. Search for your concepts separately
3. Combine using AND and OR
4. Reflect on your results, search again!
Over to You!

• Choose either Medline, PsycINFO, or Embase.

• Using two of the concepts you identified in the previous activity, conduct a free text search.

• Using the same two concepts, conduct a subject heading search.

• Practice combining your concepts using AND or OR.
Save your search terms

Save your search terms to re-run them at a later date:

- Saves you time
- Capture new papers
- Use as evidence for assessment

You can do this in every database by setting up a personal account
Managing your information

Bibliographic software can help you:

• Save and organise your references
• Cite your references in Word
• De-duplicate references

EndNote X8  RefWorks

Icons made by Freepik from www.flaticon.com
Further Training & Support

• Your subject guides [http://libguides.kcl.ac.uk/home](http://libguides.kcl.ac.uk/home)

• KLaSS modules on KEATS

• [libraryservices@kcl.ac.uk](mailto:libraryservices@kcl.ac.uk), 24/7 online chat, or come and visit us

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