Exercise 1:

In pairs, brainstorm the keywords you’d use for the following systematic review:

*Delayed antibiotic prescriptions for respiratory infections*


<table>
<thead>
<tr>
<th>Respiratory infections</th>
<th>Antibiotics</th>
<th>Delayed prescription</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Exercise 2:

The search strategy for the following review is listed below:

Delayed antibiotic prescriptions for respiratory infections

In pairs:

- Suggest keywords or subject headings that might be missing
- Look out for spelling mistakes / typos
- Look out for mistakes when combining results

Key:

/ - denotes a subject heading
.mp. – keyword search
$ - truncation e.g. smok$=smoke, smoker, smokers, smoked, smoking...
adjn – searches for 2 terms within a certain number of words of each other
Or/ - a range of search lines have been combined together

| 1 exp Respiratory Tract Infections/ |
| 2 (upper respiratory tract infection$ or urti).mp. |
| 3 exp Otitis Media/ |
| 4 otitis media.mp. |
| 5 exp Pharyngitis/ |
| 6 pharyngitis.mp. |
| 7 exp Tonsillitis/ |
| 8 tonsillitis.mp. |
| 9 common cold.mp. |
| 10 exp Bronchitis/ |
| 11 bronchitus.mp. |
| 12 exp Sinusitis/ |
| 13 sinusitis.mp. |
| 14 sore throat$.mp. |
| 15 or/1-13 |
| 16 exp Anti-Bacterial Agents/ |
| 17 antibiotic$.mp. |
| 18 or/16-17 |
| 19 (delay$ adj15 prescri$).mp. |
| 20 15 and 18 and 19 |
**Exercise 3:**

In pairs, tick the databases you’d choose to search for the following review:

*Delayed antibiotic prescriptions for respiratory infection*

<table>
<thead>
<tr>
<th>Database</th>
<th>Subject coverage</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSIA</td>
<td>Social care &amp; social work</td>
<td></td>
</tr>
<tr>
<td>Amed</td>
<td>Complementary medicine &amp; allied health</td>
<td></td>
</tr>
<tr>
<td>CAB abstract</td>
<td>Agriculture, environment &amp; nutrition</td>
<td></td>
</tr>
<tr>
<td>ClinicalTrials.gov</td>
<td>Clinical trials register</td>
<td></td>
</tr>
<tr>
<td>CINAHL</td>
<td>Nursing &amp; allied health</td>
<td></td>
</tr>
<tr>
<td>Cochrane Library</td>
<td>Systematic reviews, trials &amp; economic evaluations in health &amp; medicine</td>
<td></td>
</tr>
<tr>
<td>Embase</td>
<td>General health &amp; medicine</td>
<td></td>
</tr>
<tr>
<td>Global Health</td>
<td>Population health, especially developing countries</td>
<td></td>
</tr>
<tr>
<td>Medline</td>
<td>General health &amp; medicine</td>
<td></td>
</tr>
<tr>
<td>OT seeker</td>
<td>Systematic reviews &amp; trials in occupational therapy</td>
<td></td>
</tr>
<tr>
<td>PeDRO</td>
<td>Systematic reviews &amp; trials in physiotherapy</td>
<td></td>
</tr>
<tr>
<td>Web of Science</td>
<td>General health &amp; medicine</td>
<td></td>
</tr>
<tr>
<td>WHO ICTRP</td>
<td>Clinical trials register</td>
<td></td>
</tr>
</tbody>
</table>
Search tools:

University resources:

Books & Journals

- SOLO http://solo.bodleian.ox.ac.uk
- Oxford Medicine Online http://oxfordmedicine.com/

Bibliographic databases

- Cochrane Library
- Embase
- Global Health
- Medline
- PsycINFO
- Scopus
- Web of Knowledge...

Grey literature

- Proquest Dissertations & Theses: Global full-text
- Science & Technology Proceedings

Full list on OxLIP+ http://oxlip-plus.bodleian.ox.ac.uk/ - Subject – Medical Science

Free resources:

Bibliographic databases

- GoogleScholar http://scholar.google.com
- OTseeker http://www.otseeker.com/
- PeDRO https://www.pedro.org.au/
- PubMed http://www.pubmed.gov
Subject web-sites

- NICE Evidence Search https://www.evidence.nhs.uk/
- TRIP database http://www.tripdatabase.com

Study registers

- ClinicalTrial.gov http://clinicaltrials.gov (trials)
- WHO ICTRP http://apps.who.int/trialsearch/ (trials)
- PROSPERO https://www.crd.york.ac.uk/PROSPERO/ (systematic reviews)

Other resources

- Organisational web-sites
- Governmental web-sites
- Search engines
- Hand-searching conference reports, key journals...
- Contact with authors & experts

Systematic review software

- Covidence https://www.covidence.org/
- DistillerSR https://www.evidencepartners.com/
- EPPI-Reviewer https://eppi.ioe.ac.uk/CMS/Default.aspx?alias=eppi.ioe.ac.uk/cms/er4&
- Rayyan https://rayyan.qcri.org/
- RevMan http://community.cochrane.org/tools/review-production-tools/revman-5
Further help:

**General overview of systematic review resources**

Systematic Reviews LibGuide [http://ox.libguides.com/systematic-reviews](http://ox.libguides.com/systematic-reviews)

**Handbooks**

Cochrane Handbook for Systematic Reviews of Interventions
[http://training.cochrane.org/handbook](http://training.cochrane.org/handbook) - see the libguide for supplementary handbooks for diagnostic & qualitative studies

CRD’s guidance for undertaking reviews in health care

Joanna Briggs Institute Reviewers Manual – includes guidance for different types of reviews [https://reviewersmanual.joannabriggs.org/](https://reviewersmanual.joannabriggs.org/)

RAMESEs project – for mixed methods & realist reviews

**Searching:**

Searching skills toolkit: finding the evidence. De Brún, Caroline. | Pearce-Smith, Nicola | 2014
[http://solo.bodleian.ox.ac.uk/OXVU1:LSCOP_OX:oxfaleph019658592](http://solo.bodleian.ox.ac.uk/OXVU1:LSCOP_OX:oxfaleph019658592)

Cochrane Handbook for Systematic Reviews of Interventions
[http://training.cochrane.org/handbook](http://training.cochrane.org/handbook) - Part 2, chapter 6 – Searching for studies

InterTASC search filters resource [https://sites.google.com/a/york.ac.uk/issg-search-filters-resource/home](https://sites.google.com/a/york.ac.uk/issg-search-filters-resource/home) - methodological and subject filters

PRESS checklist [https://www.cadth.ca/resources/finding-evidence/press](https://www.cadth.ca/resources/finding-evidence/press) - key items for peer reviewing search strategies
Managing your references

Managing your References LibGuide – links to useful information and training materials
http://libguides.bodleian.ox.ac.uk/reference-management

Endnote for Systematic Reviews
https://prezi.com/irrhav0kuxuo/endnote-for-systematic-reviews/

Using Mendeley for Systematic Reviews
https://www.brighttalk.com/webcast/11355/247391/using-mendeley-for-systematic-reviews

Writing up your search

PRISMA checklist – see sections 6 & 7

CRD’s guidance for undertaking reviews in health care – see Appendix 2 & 3
https://www.york.ac.uk/media/crd/Systematic_Reviews.pdf

1-2-1 support

Contact your outreach librarian – e-mail nia.roberts@bodleian.ox.ac.uk for details