



# Searching

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# Thank you

PenARC

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@EvidSynthTeam

@UEMS\_IS

# Overview

- Some questions
- Evidence synthesis
- Database searching – how to build up your search
- Demonstration
- Practice
- Supplementary searching

# Some questions

- Menti 59550637
- Have you been involved in an evidence synthesis project?
- If yes, did you undertake the searching?

# Evidence Synthesis

- Systematic review
- Meta analysis
- Rapid review
- Qualitative evidence synthesis
- Scoping review
- Evidence gap map
- Mixed methods review
- Realist review
- Living review

# Types of evidence synthesis

- Akl EA, Haddaway NR, Rada G, Lotfi T. Future of Evidence Ecosystem Series: Evidence synthesis 2.0: when systematic, scoping, rapid, living, and overviews of reviews come together. J Clin Epidemiol. 2020 Jul;123:162-165. doi: 10.1016/j.jclinepi.2020.01.025. Epub 2020 Mar 4. PMID: 32145364.
- Grant MJ, Booth A. A typology of reviews: an analysis of 14 review types and associated methodologies. Health Info Libr J. 2009 Jun;26(2):91-108. doi: 10.1111/j.1471-1842.2009.00848.x. PMID: 19490148.
- Sutton A, Clowes M, Preston L, Booth A. Meeting the review family: exploring review types and associated information retrieval requirements. Health Info Libr J. 2019 Sep;36(3):202-222. doi: 10.1111/hir.12276. PMID: 31541534.

# Question

Menti: 89229855

- What words do you associate with systematic reviews?

# Systematic reviews

**Cochrane:**...attempts to identify, appraise and synthesize all the empirical evidence that meets pre-specified eligibility criteria to answer a specific research question. Researchers conducting systematic reviews use explicit, systematic methods that are selected with a view aimed at minimizing bias, to produce more reliable findings to inform decision-making...

<https://training.cochrane.org/handbook>

**Campbell:** ...summarizes the best available evidence on a specific question using transparent procedures to locate, evaluate, and integrate the findings of relevant research

<https://onlinelibrary.wiley.com/page/journal/18911803/homepage/author-guidelines>

**Environment Evidence:**...a review of evidence relevant to a clearly formulated question that uses systematic and explicit methods to identify, select and critically appraise relevant research, and to collect and analyse data from the studies that are included within the review.

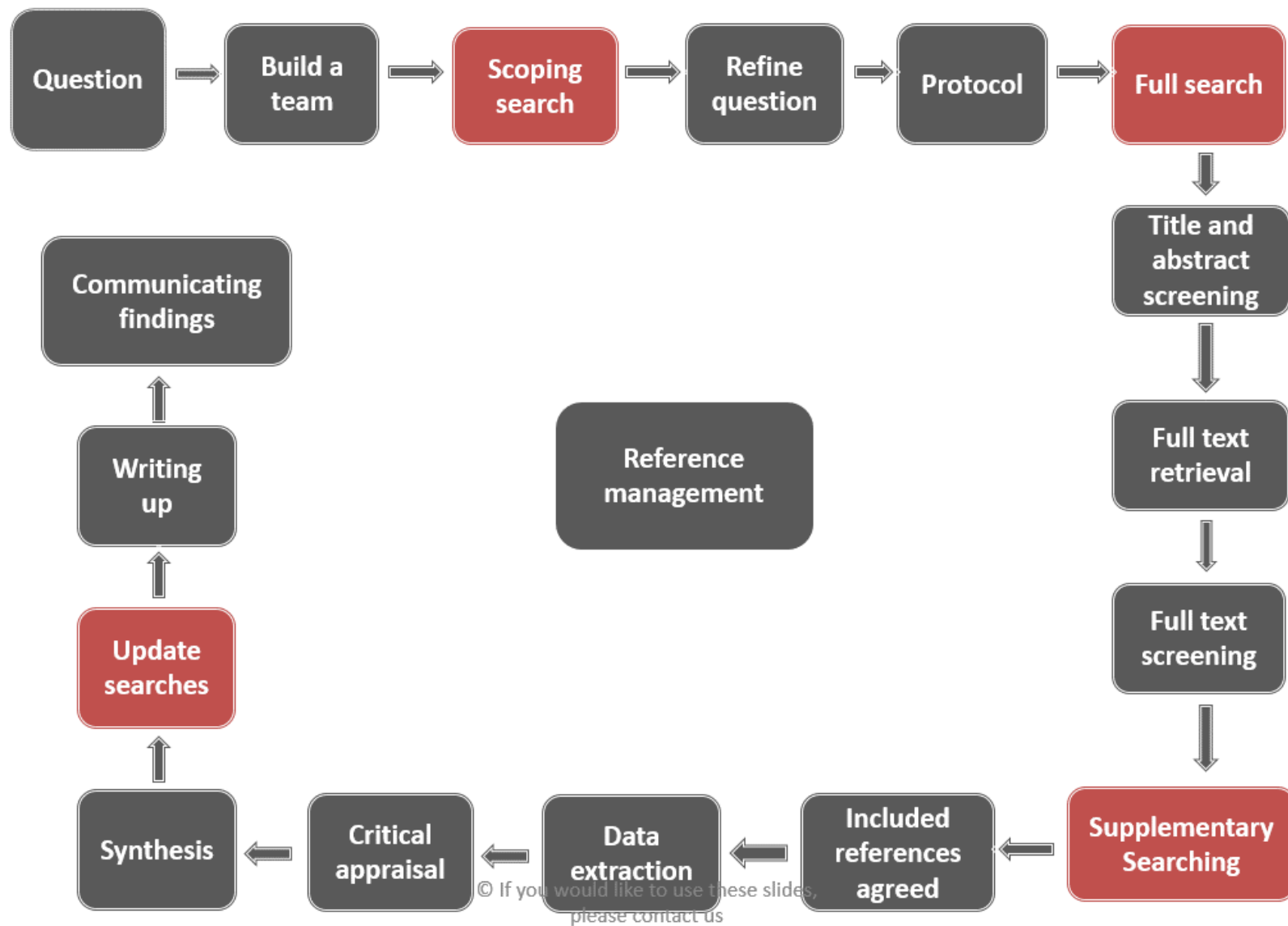
<https://environmentalevidence.org/information-for-authors/>



# Related to searching

To achieve a rigorous evidence synthesis searches should be transparent and reproducible and minimise biases.

A key requirement of a review team engaged in evidence synthesis is to try to gather a maximum of the available relevant documented bibliographic evidence in articles and the studies reported therein. Biases (including those linked to the search itself) should be minimized and/or highlighted as they may affect the outputs of the synthesis (CEE)



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# Scoping searches: why?

- Has it been done before?
- Related work (background reading)
- Get an idea of the size of the evidence base
- Get an idea of search terms
- Key papers that should come up in your search
- Idea of search terms

# Scoping searches: how

| Type of information | Resource       | Website   |
|---------------------|----------------|---|
| Protocols           | Prospero       | <a href="http://www.crd.york.ac.uk/PROSPERO/">http://www.crd.york.ac.uk/PROSPERO/</a> |
| Guidelines          | TRIP database  | <a href="http://www.tripdatabase.com/">http://www.tripdatabase.com/</a>               |
|                     | NICE evidence  | <a href="http://www.evidence.nhs.uk/">http://www.evidence.nhs.uk/</a>                 |
| Systematic reviews  | CDSR           | <a href="http://www.thecochranelibrary.com">http://www.thecochranelibrary.com</a>     |
|                     | TRIP database  | <a href="http://www.tripdatabase.com/">http://www.tripdatabase.com/</a>               |
|                     | Epistemonikos  | <a href="https://www.epistemonikos.org/">https://www.epistemonikos.org/</a>           |
| Primary Research    | Pubmed         | <a href="http://www.ncbi.nlm.nih.gov/pubmed">http://www.ncbi.nlm.nih.gov/pubmed</a>   |
|                     | Medline        | Requires subscription   |
|                     | Web of Science | Requires subscription   |
|                     | CAB abstracts  | Requires subscription   |

# Common problems with searching

- Don't know where to start
- Too many resources
- Too many results
- Not enough results
- When do you stop

# What is a good search?

- To find as much relevant information as possible
- To minimize the amount of irrelevant information

# Before you search

Protocol – incl/excl criteria helpful

Search for any relevant systematic reviews

Look at, and appraise, their search methods

Find key papers

from scoping searches

topic experts

following leads

# Question

- Menti 38169461
- Which resources have you used to find research/academic literature?



# Publishers, Platforms and Databases

| Publisher      | Platform       | Database   |
|----------------|----------------|--|
| Wolters Kluwer | Ovid           | CAB Abstracts<br>Global Health<br>Medline                        |
| Ebsco          | EBSCOhost      | Medline<br>CINAHL<br>GreenFILE                                   |
| ProQuest       | ProQuest       | Medline<br>BNI<br>Sociology Collection (includes ASSIA)<br>ASSIA |
| Clarivate      | Web of Science | Science Citation Index<br>Medline<br>Conference Abstracts        |
| CABI           | CABI           | CAB Abstracts<br>Global Health                                   |

# Database searching

- Free-text searching
  - Search for specific words or phrases in specific fields
- Controlled vocabulary searching
  - Thesaurus/subject terms (CAB thesaurus or MeSH)

# Database searching: free text terms

| What                       | Example   |
|----------------------------|---|
| Synonyms                   | Dementia or Alzheimer's Disease                 |
| Abbreviations and acronyms | attention deficit hyperactivity disorder (ADHD) |
| Geographical variations    | Paracetamol or acetaminophen                    |
| Variations in spelling     | Paediatric or pediatric                         |
| Previous terminology       | ADHD - ADD                                      |

# Database searching: choosing search terms

## Question:

What is the impact of robotic pets on the health and well-being of older adults?

Jam board for synonyms:

<https://jamboard.google.com/d/1FPq93zYi7htT9GIYGtIZ2m8LapjPh4C XK9hfGj2YCIk/edit?usp=sharing> OR <https://tinyurl.com/32t5aw6z>

**P**opulation

**I**ntervention

**C**omparator

**O**utcome

# What is the impact of robotic pets on the health and well-being of older adults

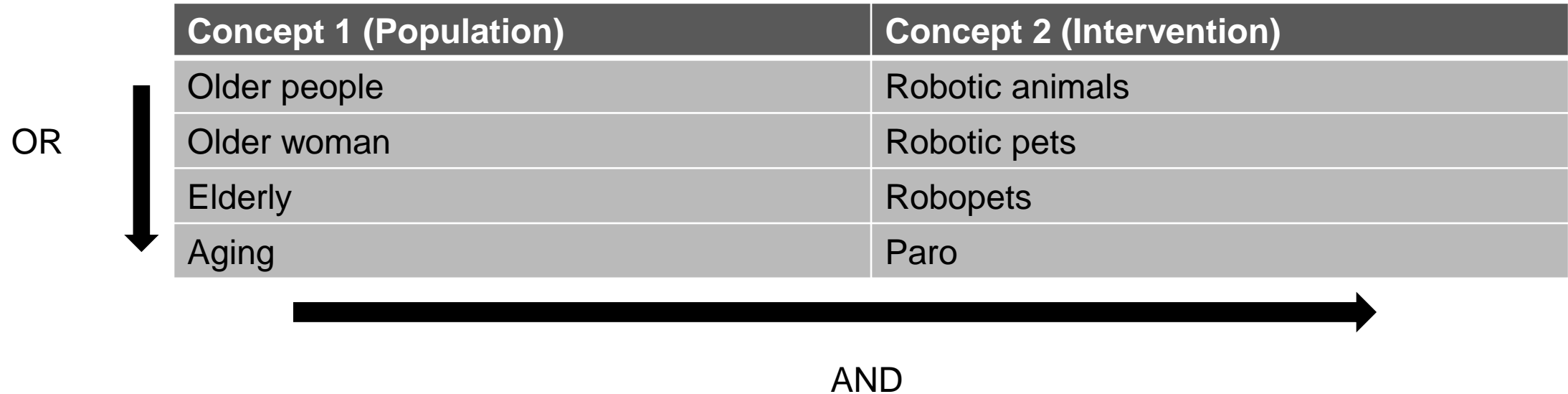
## Population

older people, older woman, elderly, aging

## Intervention:

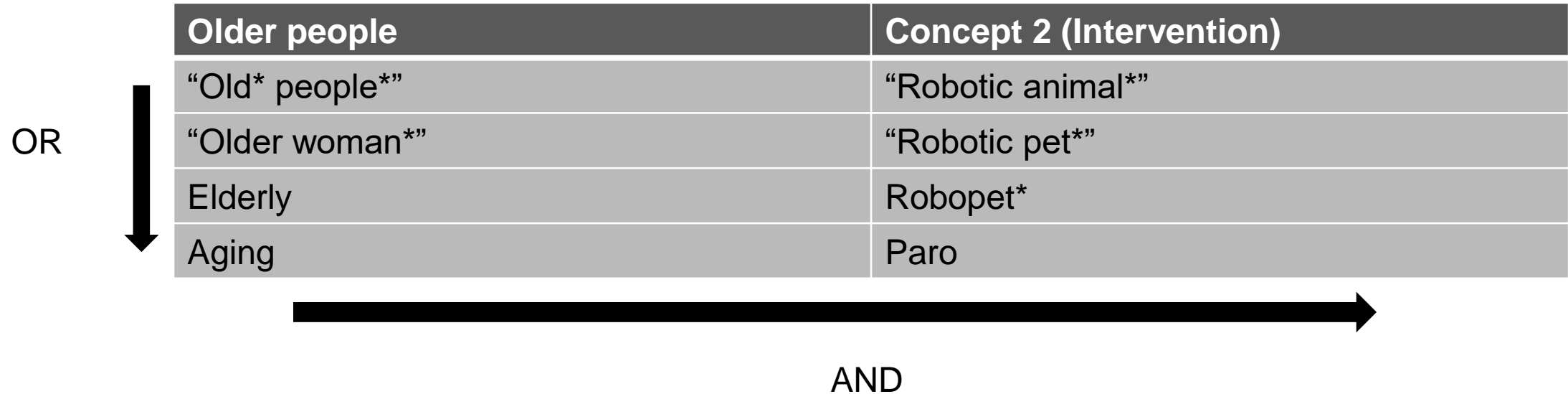
robotic animals, robotic pets, robopets, paro

# Using PICO/Concepts



| What                       | Example   |
|----------------------------|---|
| Synonyms                   | Dementia or Alzheimer's Disease                 |
| Abbreviations and acronyms | attention deficit hyperactivity disorder (ADHD) |
| Geographical variations    | Paracetamol or acetaminophen                    |
| Variations in spelling     | Paediatric or pediatric                         |
| Previous terminology       | ADHD – ADD                                      |
| Phrase searching           | “older person”                                  |
| Truncation/wildcard        | “older person*”                                 |

# Using PICO/Concepts

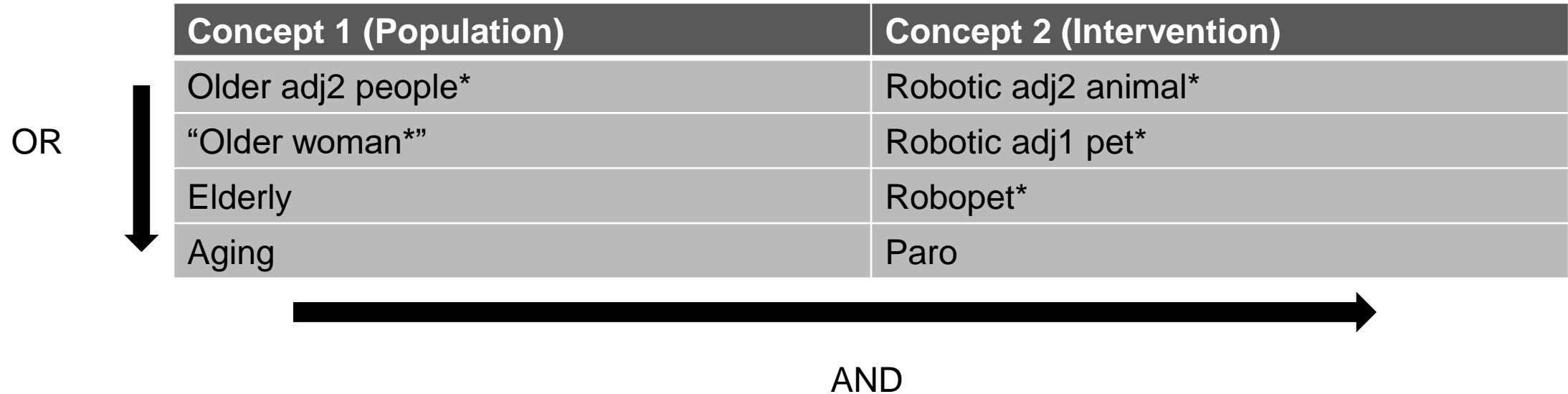




# Search terms

| What                       | Example   |
|----------------------------|---|
| Synonyms                   | Dementia or Alzheimer's Disease                 |
| Abbreviations and acronyms | attention deficit hyperactivity disorder (ADHD) |
| Geographical variations    | Paracetamol or acetaminophen                    |
| Variations in spelling     | Paediatric or pediatric                         |
| Previous terminology       | ADHD – ADD                                      |
| Phrase searching           | “nursing homes”                                 |
| Truncation/wildcard        | Care home*                                      |
| Proximity searching        | Adjx, NEAR/x, Nx                                |
| Field codes                | Title, abstract, keywords                       |

# Using PICO/Concepts



# Demo and work alongside

- Global Health via Ovid
  - free text
  - Controlled vocabulary
  - Downloading results
  - Saving search strategy
- Username: exetertrain
- Password: training

PAUSE: any questions?



# Self searching

Q - What are the effects of animal therapy on the health and wellbeing of older people

Two additional free text terms for population

Three free text terms for intervention

At least one using proximity (adj)

At least one thesaurus term for intervention

Crowley-Robinson, P., Fenwick, D. C. & Blackshaw, J. K.. (1996). A long-term study of elderly people in nursing homes with visiting and resident dogs. *Applied Animal Behaviour Science*, 47, 137-148

Rodrigo-Claverol, M., Malla-Clua, B., Marquilles-Bonet, C., Sol, J., Jove-Naval, J., Sole-Pujol, M., et al. (2020). Animal-assisted therapy improves communication and mobility among institutionalized people with cognitive impairment. *International Journal of Environmental Research and Public Health*, 17,

# Additional papers

Goleman, M., Drozd, L., Karpinski, M. & Czyzowski, P.. (2012). Cat therapy as an alternative form of animal-assisted therapy. *Medycyna Weterynaryjna*, 68(12), 732-735.

Jain, B., Hafford-Letchfield, T., Ellmers, T., Chandra, C., Billings, B., Teacher, R., et al. (2020). Dog-assisted interventions in care homes: a qualitative exploration of the nature, meaning and impact of interactions for older people. *Health and Social Care in the Community*, 29, 1450-1460

# Google forms

- How many hits did you get?
- Did you use any controlled vocabulary terms? If so, please give an example
- Did your search find the first two references?
- Did your search find the second two references?

# Sample search strategy

1 (cat or cats).ti,ab. (27250)  
2 (dog or dogs).ti,ab. (38441)  
3 canine\*.ti,ab. (12071)  
4 (bird or birds).ti,ab. (19257)  
5 (fish or fishes).ti,ab. (58066)  
6 (animal adj2 therap\*).ti,ab. (303)  
7 (companion adj2 pet\*).ti,ab. (30)  
8 (companion adj2 animal\*).ti,ab. (1878)  
9 (resident adj2 dog\*).ti,ab. (33)  
10 (animal adj2 assist\*).ti,ab. (313)  
11 pets/ or domestic animals/ (32024)  
12 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10  
or 11 (160869)

13 (Old\* adj2 (people\* or person\* or adult\* or  
resident\*)).ti,ab. (11098)  
14 elder\*.ti,ab. (48565)  
15 geriatric\*.ti,ab. (6053)  
16 senior\*.ti,ab. (7322)  
17 (nursing adj2 home\*).ti,ab. (4425)  
18 (care adj2 home\*).ti,ab. (3382)  
19 nursing homes/ (3686)  
20 elderly/ (62749)  
21 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20  
(93734)  
22 12 and 21 (2074)



PAUSE: any questions?



# Search filters

- May filter out relevant studies
- May perform inconsistently across subject areas
- Precision for a standalone filter likely to be low. Relevant records may be lost for no substantial reduction in the number needed to read
- ISSG filters

<https://sites.google.com/a/york.ac.uk/issg-search-filters-resource/home>

# Cochrane RCT filter

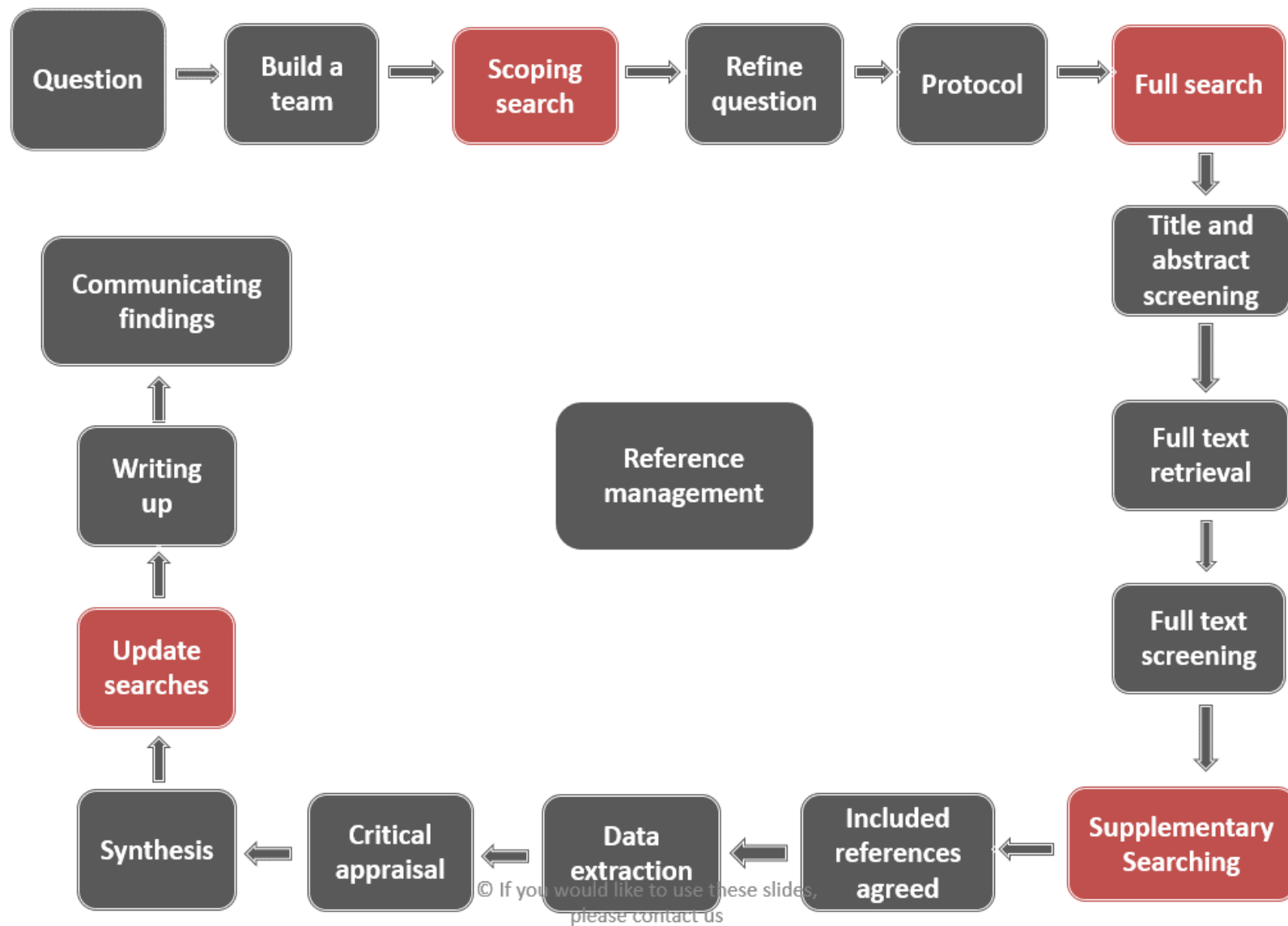
- 1 randomized controlled trial.pt.
- 2 controlled clinical trial.pt
- 3 randomized.ab.
- 4 placebo.ab
- 5 drug therapy.fs
- 6 randomly.ab
- 7 trial.ab
- 8 groups.ab
- 9 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8
- 10 exp animals/ not humans.sh
- 11 9 not 10

# Full search

- Choose a database
- **Use your key references to validate your strategy**
- **Use relevant search strings from other SRs**
- **Give yourself time**
- Use free text searching with field codes
- If using controlled vocabulary terms be specific
- Play around with adjacency numbers eg adj1, adj2, adj3 etc
- Use the NOT Boolean term
- Keep checking your results
- Agree it with the project team

# PAUSE: any Questions?





# Supplementary searching: why?

- Not all journals are indexed in databases
- Papers might not be indexed accurately
- Your search strategy may not have found them
- Can find more recently published papers
- Good for unpublished (grey) literature
- Good evidence to support doing this

# Supplementary searching: what

- Forward citation chasing
- Backwards citation chasing
- Hand searching of journals
- Trial registries
- Web searching
- Key author searching
- Contacting organisations
- Contacting authors

(<https://evidsynthteam.wordpress.com/2018/07/12/supplementary-searching-eahil-2018/>)



# Grey Literature: what is it?

Grey literature: a body of materials that cannot be found easily through conventional channels such as publishers, "but which is frequently original and usually recent" Debachere, M. C. (1995). "Problems in obtaining grey literature". *IFLA Journal* **21** (2): 94–98

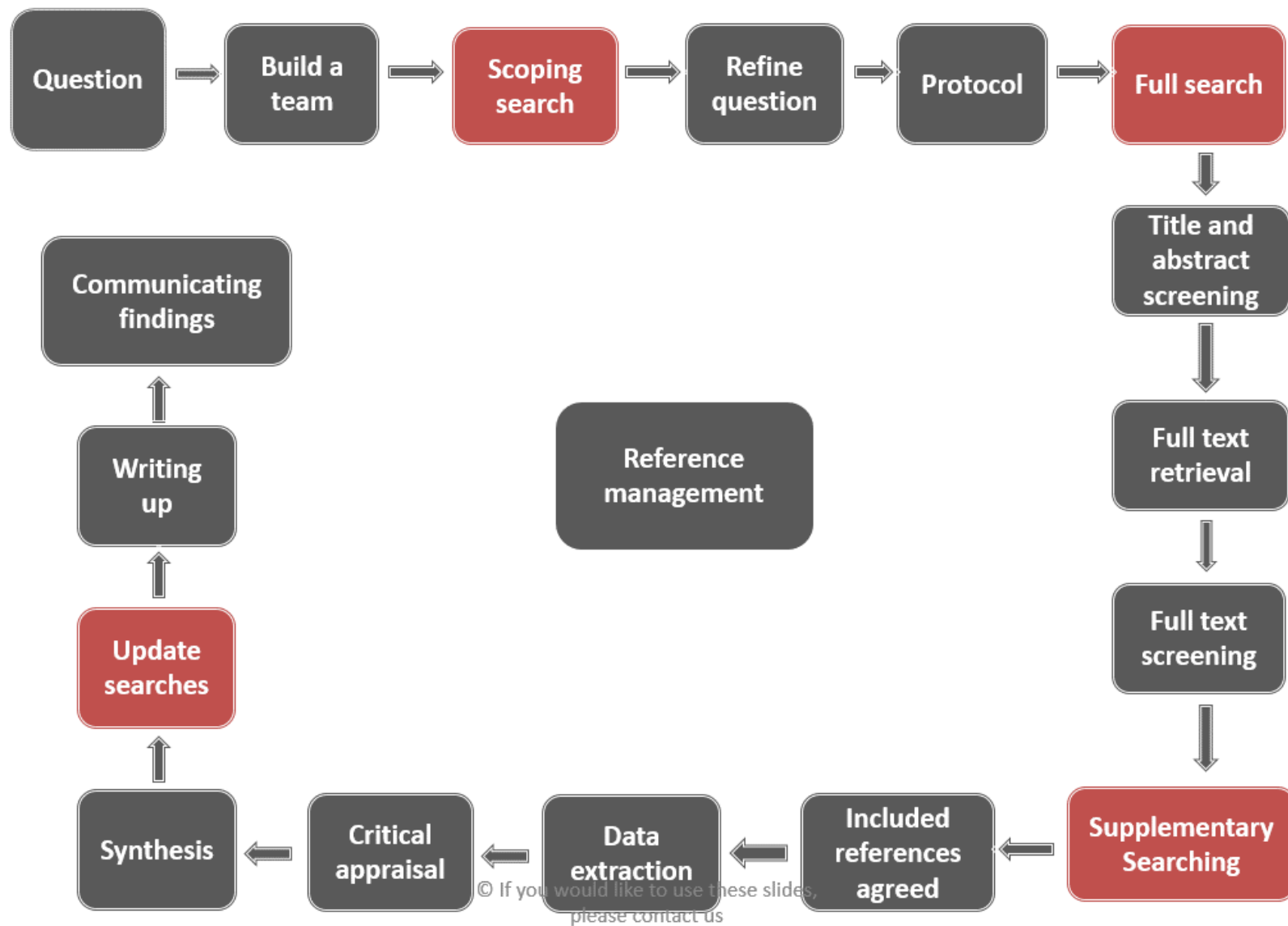
- Conference proceedings
- Reports
- Theses

# Grey literature: where to find it

- Databases
  - CAB Abstracts, SPP, WoS, PQDT
- Catalogues
  - British Library: EThOS, Zetoc, Explore
- Electronic repositories
- Networks
  - Grey Literature Network Service
  - Chain Network
- Organisations' websites
- Supplementary searching techniques

PAUSE: any questions?





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# Update searches

- Why:
  - More recent publications
- How:
  - Re run searches
  - Deduplicate against original searches
  - More recent publications

# Search methods: protocol

The following electronic databases will be searched: AMED, CINAHL (via EBSCOhost), Embase, MEDLINE, PsycINFO (via Ovid), the Cochrane Database of Systematic Reviews (via Cochrane), Science Citation Index (via Web of Science), PQDT, Environment Complete and ASSIA (via ProQuest).

Relevant grey literature will be searched for through: EThOS (British Library), OpenGrey , and the Conference Proceedings Citation Index from Web of Knowledge.

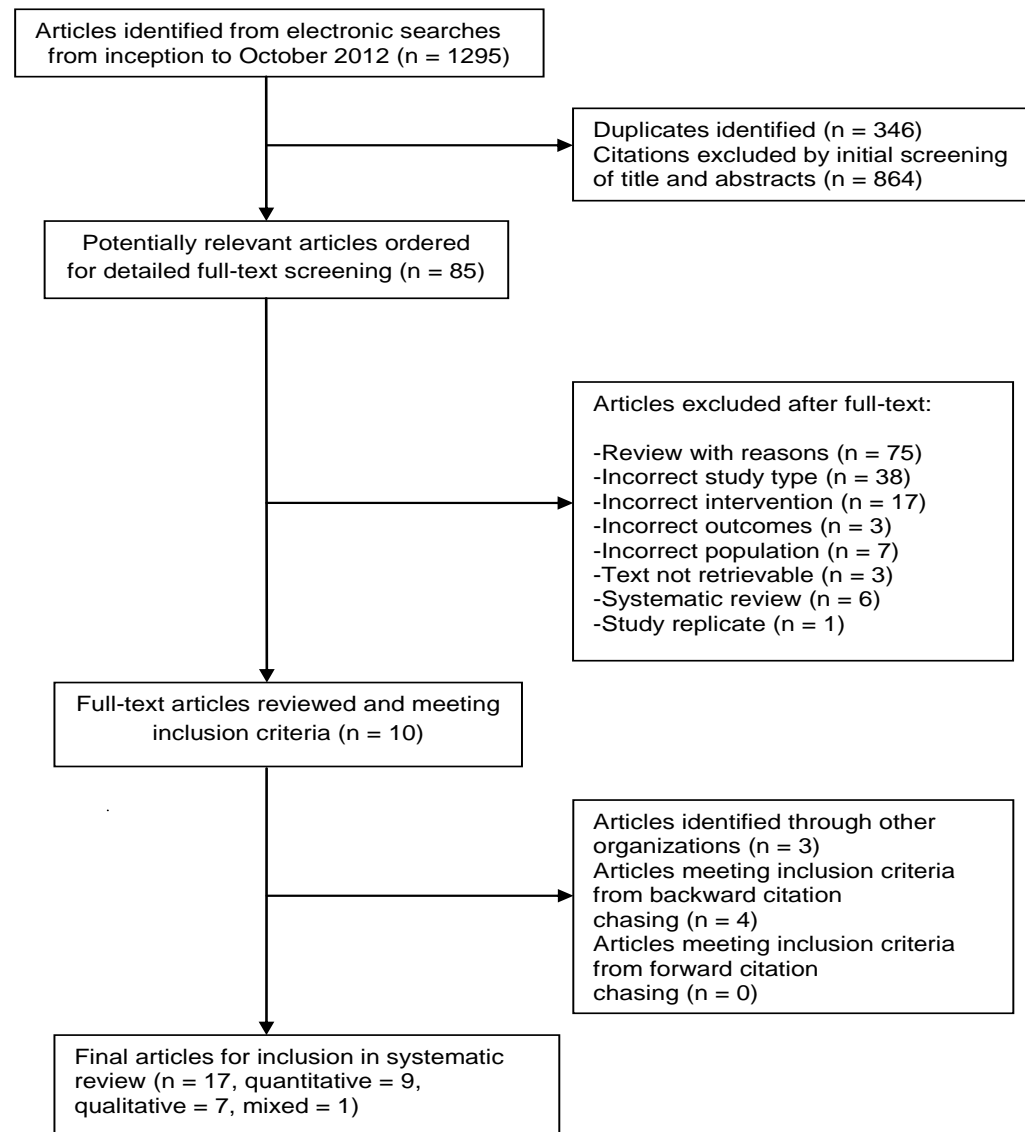
Forwards and backwards citation searching will undertaken in Scopus using the final included articles.

Organisations websites will also be searched including WHO, US EPA and Defra.

# Search methods: systematic review

We searched 14 bibliographic databases: Medline, Embase, PsycINFO, Social Policy and Practice (SPP), HMIC (via OvidSP), CINAHL Complete (via EBSCOhost), BNI, PQDT, ASSIA (via ProQuest), Social Sciences Citation Index, Conference Proceedings Citation Index – Science and Social Sciences and Humanities (Web of Science, Clarivate Analytics) and the Cochrane Library (CDSR and CENTRAL) in February 2018 from inception. The search consisted of both free text and controlled vocabulary (e.g. MeSH) terms. The Medline search strategy is shown in Supplementary File 1. We carried out forwards and backwards citation chasing of the included papers using both SCOPUS and Web of Science. The search metrics are shown in Supplementary File 2. We also searched 12 websites and Nexis News in June 2018; details are listed in Supplementary File 3. In December 2018 we carried out a further database search in Medline, PsycINFO and CINAHL limited to the names of the specific UK programmes identified. (Hunt, Harriet, et al. *"They've walked the walk": A systematic review of quantitative and qualitative evidence for parent-to-parent support for parents of babies in neonatal care.* *Journal of Neonatal Nursing* 25.4 (2019): 166-176.)

# Dementia gardens: PRISMA flow diagram





# Search Summary Table

| Parent-to-parent support interventions for parents of babies cared for in a neonatal unit-systematic review of qualitative and quantitative evidence. |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
|---|--------|--|------|--------|----------|------|--------|------------|------|---------|------|----------|------------------------|-------|-----|-----|----|-----|-----|
| Included references   | Format | Database searches (date run: June 2017. Date re-run: Jan 2019) |      |        |          |      |        |            |      |         |      |          | Supplementary searches |       |     |     |    |     |     |
|   |        | ASSIA  | BNI  | CINAHL | Cochrane | EED  | Embase | BL Explore | HMIC | Medline | PQDT | PsycINFO | SPP                    | WoS   | fcs | bcs | hs | wss | org |
| Ardal 2011  | jnl    |  |      |        |          |      | x      |            |      | x       |      | n        |                        |       |     |     |    |     |     |
| Livermore 1980  | jnl    |  |      |        |          |      | n      |            |      | n       |      | x        |                        |       |     |     |    |     |     |
| Macdonell   | jnl    |  |      | x      |          |      |        |            |      | x       |      | x        |                        |       |     |     |    |     |     |
| Merewood 2006   | jnl    |  |      |        | x        |      | x      |            |      | x       |      | n        |                        |       |     |     |    |     |     |
| Minde 1980  | jnl    |  |      |        | x        |      | x      |            |      | x       |      | n        |                        |       |     |     |    |     |     |
| Morris 2008   | ths    |  |      | x      |          |      | n      |            |      | n       |      | x        |                        |       |     |     |    |     |     |
| Niela-Vilen 2016  | jnl    |  |      | x      |          |      | n      |            |      | x       |      | x        |                        | x     |     |     |    |     |     |
| Oza-Frank 2014  | jnl    |  |      |        |          |      | z      |            |      | z       |      | n        |                        |       | x   | x   |    |     |     |
| Preyde 2001   | jnl    |  |      |        |          |      | n      |            |      | n       |      | n        |                        |       |     | x   |    |     |     |
| Preyde 2003   | jnl    |  |      | x      | x        |      | x      |            |      | x       |      | x        |                        | x     |     |     |    |     |     |
| Preyde 2007   | jnl    | x  |      |        |          |      | x      |            | x    | x       |      | x        | x                      | x     |     |     |    |     |     |
| Roman 1988  | ths    |  |      |        |          |      | n      |            |      | n       |      | x        |                        |       |     |     |    |     |     |
| Roman 1995  | jnl    |  |      | x      |          |      | x      |            |      | x       |      | x        |                        | x     |     |     |    |     |     |
| Rossman 2011  | jnl    |  |      |        |          |      | z      |            |      | z       |      | n        |                        |       | x   | x   |    |     |     |
| Rossman 2012  | jnl    | x  |      |        |          |      | y      |            |      | x       |      | x        |                        |       |     |     |    |     |     |
| No. included refs   |        | 2  | 0    | 5      | 3        | 0    | 6      | 0          | 1    | 9       | 0    | 9        | 1                      | 4     | 2   | 3   |    |     |     |
| No. unique refs   |        | 0  | 0    | 0      | 0        | 0    | 0      | 0          | 0    | 0       | 0    | 3        | 0                      | 0     | 2   | 3   |    |     |     |
| Total no. refs downloaded   |        | 563  | 85   | 771    | 374      | 156  | 1887   | 19         | 50   | 1753    | 90   | 1082     | 14                     | 587   | 35  | 734 |    |     |     |
| No. refs screened   |        | 439  | 75   | 589    | 109      | 154  | 485    | 19         | 32   | 1747    | 83   | 549      | 0                      | 182   |     |     |    |     |     |
| Sensitivity   |        | 13.33  | 0.00 | 33.33  | 20.00    | 0.00 | 40.00  | 0.00       | 6.67 | 60.00   | 0.00 | 60.00    | 6.67                   | 26.67 |     |     |    |     |     |
| Predision   |        | 0.36   | 0.00 | 0.65   | 0.80     | 0.00 | 0.32   | 0.00       | 2.00 | 0.51    | 0.00 | 0.83     | 7.14                   | 0.68  |     |     |    |     |     |
| No. database searches carried out =   |        | 13   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Total no. refs found from searching =   |        | 7431   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| No. refs screened at TI&Ab =  |        | 4593   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| No. refs screened at FT=  |        | 118  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| No. of included refs from searching =   |        | 12   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Total no. of included refs =  |        | 15   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Overall sensitivity   |        | 80   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Overall predision   |        | 0.26   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| NNR   |        | 383  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| NNR FT  |        | 10   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| NNS   |        | 39   |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Codes   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| x = found from the search   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| y = in the database and found from the search strategy when re-run  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| n = not in the database   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| z = in the database but not found using the search strategy   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| (red) = those databases where the searches were re-run  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Format codes  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| jnl = journal   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| ths = PhD thesis  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Other codes   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| NNR = number needed to read. 1/overall precision  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| NNR FT = number needed to read at FT to find one included reference   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| NNS = number needed to screen to find one reference to include for FT screening   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| FT = full text  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| Supplementary search codes  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| fcs = forwards citation search  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| bcs = backwards citation search   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| hs = hand search  |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| wss = web site search   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |
| org = from contacting organisations   |        |  |      |        |          |      |        |            |      |         |      |          |                        |       |     |     |    |     |     |

# Critique a search strategy

| Physical activity monitoring      | Study design                  |
|-----------------------------------|-------------------------------|
| pam AND monitor*                  | "randomly"                    |
| physic* AND activit* AND monitor* | "randomized controlled trial" |
| "activity monitoring device"      | "controlled clinical trial"   |
| "fitness tracker**"               | "cross-over trial"            |
| "quantified movement"             | "cross over trial"            |
| "movement counter**"              | "randomized"                  |
| "jawbone"                         | "clinical trial"              |
| "vivoactive"                      |                               |
| "tomtom"                          |                               |
| "xiaomi mi band"                  |                               |
| "accelerometer-based tracker**"   |                               |
| "moov now"                        |                               |
| "misfit ray"                      |                               |
| "nokia go"                        |                               |
| "activity monitor**"              |                               |
| fitbit                            |                               |
| pedometer*                        |                               |
| "step monitor**"                  |                               |
| "physical activity monitor**"     |                               |
| "Step counter**"                  |                               |
| actigraph                         |                               |
| Gt3x                              |                               |
| wGT3X-BT                          |                               |
| GT9X                              |                               |
| axivity                           |                               |
| acceleromet*                      |                               |

# Guidance and help

- Guidance on systematic reviews:
  - Cochrane, Campbell, CEE, JBI, Library libguides
- PRESS – Peer Review of Electronic Search Strategies
  - [https://www.cadth.ca/sites/default/files/pdf/CP0015\\_PRESS\\_Update\\_Report\\_2016.pdf](https://www.cadth.ca/sites/default/files/pdf/CP0015_PRESS_Update_Report_2016.pdf)
- PRISMA – Preferred Reporting Items for Systematic Reviews
  - <http://www.prisma-statement.org/>
- ROSES – Reporting Standards for Systematic Evidence Syntheses
  - <https://environmentalevidence.org/roses/>
- PRISMA-S - for reporting your searches
  - <http://www.prisma-statement.org/Extensions/Searching>
- Platforms and hosts have instructional videos

# Further reading/research

- Research:

**SuRe: Summarized Research in Information Retrieval**

<https://sites.google.com/york.ac.uk/sureinfo/home>

- Publications

Heath A, Levay P, Tuvey D. Literature searching methods or guidance and their application to public health topics: A narrative review. Health Info Libr J. 2021

Cooper C, Booth A, Varley-Campbell J, Britten N, Garside R. Defining the process to literature searching in systematic reviews: a literature review of guidance and supporting studies. BMC Med Res Methodol. 2018 Aug 14;18(1):85

## ...a few of my favourite things

- SR Toolbox: <http://systematicreviewtools.com/>
- CitationChaser: <https://estech.shinyapps.io/citationchaser/>
- Rayyan: <https://www.rayyan.ai/> *For screening*
- EPPI Reviewer:  
<https://eppi.ioe.ac.uk/CMS/Default.aspx?alias=eppi.ioe.ac.uk/cms/er4&> *For screening and creating maps*
- EviAtlas: <https://estech.shinyapps.io/eviatlas/> *For creating maps and graphs*
- SR accelerator: <https://sr-accelerator.com/#/>
  - Polyglot *For transcribing your search from one platform to another*
  - De-duplication

# Thank you

@EvidSynthTeam

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