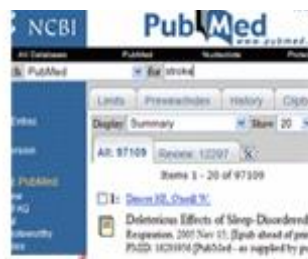


How to find literature

Specialist course in palliative medicine.

Katrine Aronsen, NTNU Medicine and health library 2021

Research



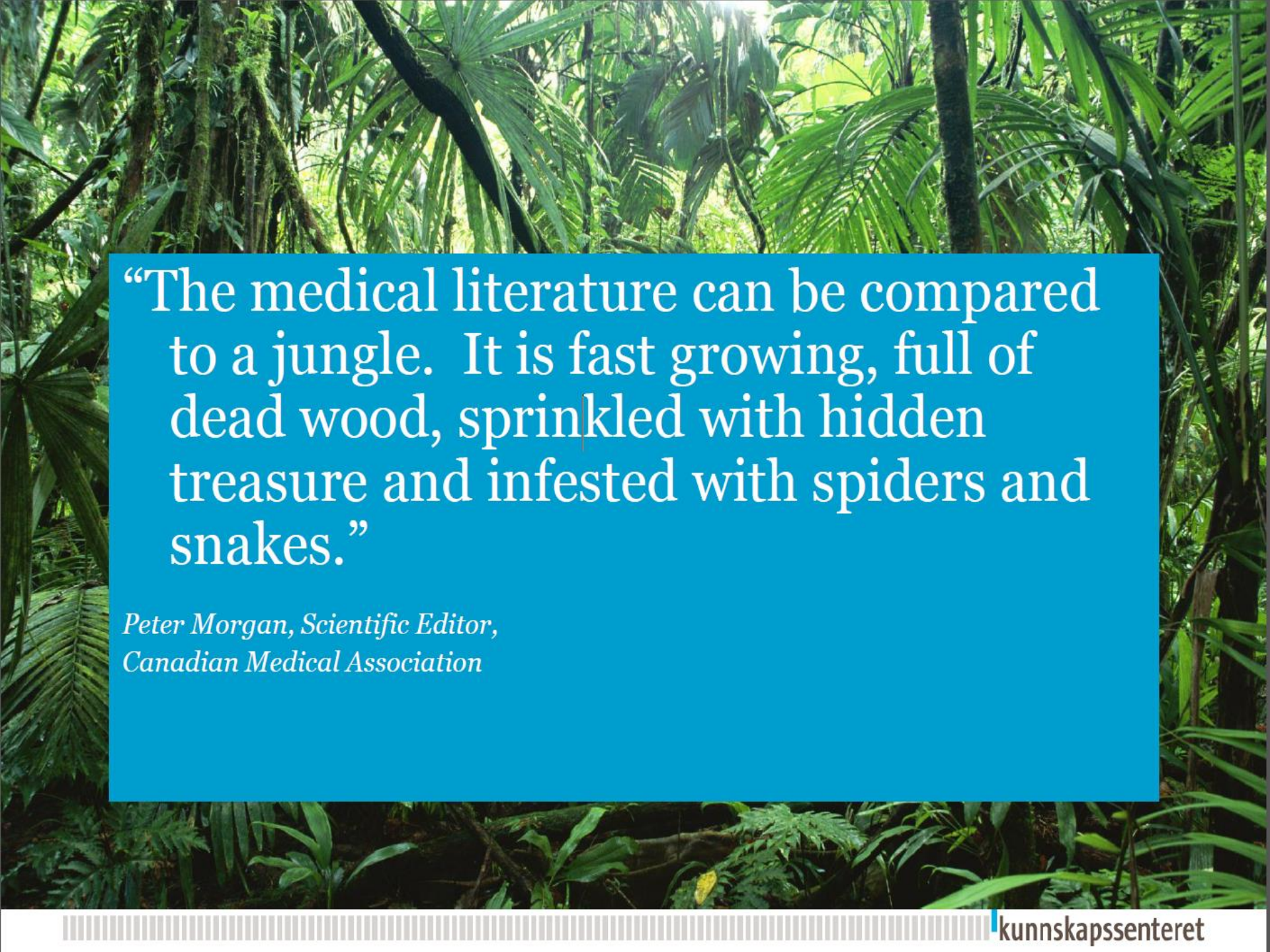
Experience



Evidence-based medicine

Patient





“The medical literature can be compared to a jungle. It is fast growing, full of dead wood, sprinkled with hidden treasure and infested with spiders and snakes.”

*Peter Morgan, Scientific Editor,
Canadian Medical Association*

i've heard the
rhetoric from both
sides... time to do
my own research on
the real truth



Google

Found 80,000 results.

Literally the first link that
agrees with what you
already believe

Completely supports your viewpoint
without challenging it in any way

Another link

Don't worry about this one

...jackpot



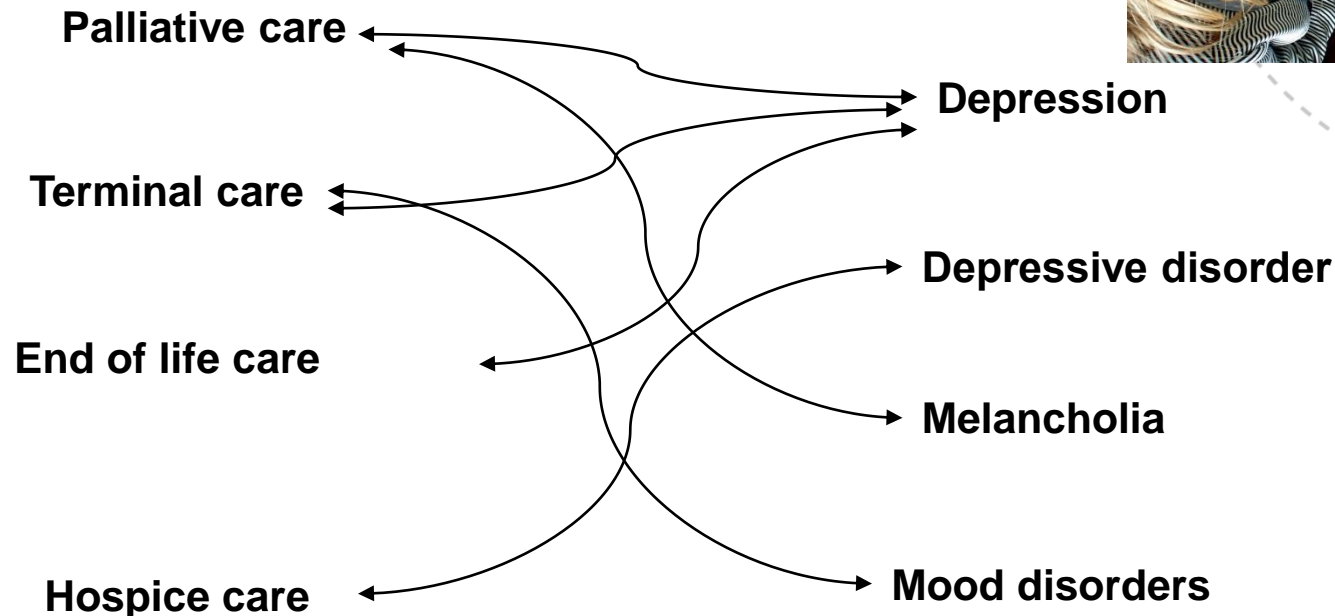
Searching the literature

- A well-structured literature search is the basis of **any** research project and a necessary part of research methodology.
*(Maybe what you want to research is already answered?
Research waste)*
- A systematic literature search is both **methodical and reasoned**; it is based on a **systematic** approach that permeates the entire process

Haraldstad, A. M., & Christophersen, E. (2015). Literature searches and reference management. In P. Laake, H. B. Benestad, & B. R. Olsen (Eds.), Research in medical and biological sciences from planning and preparation to grant application and publication (pp. 125–166)



How a search often is done - **UN**systematic



The result is probably a random selection of studies
Missing pieces in the jigsaw?
What did you NOT find/retrieve

A more controlled/systematic approach

Palliative medicine and depressive disorders

1. «Palliative care» (MESH)
2. «Terminal care» (MESH)
3. «End of life»
4. Hospice
5. **OR/1-4**

5. Depression (MESH)
6. Depressive disorders (MESH)
7. Melancholia
8. Depression
9. **OR/5-8**

10. 5 **AND** 9 = X results/1 result-list

11. limit 10 to year = 2010 – 2021
12. Limit 11 to Systematic reviews

Aim = ONE result-list covering all relevant terms
Keywords(MESH) and synonyms/text-words

Searching – Top Tips

Start with document types where information from many single studies is:

Found, evaluated, reviewed, summarized

Such as -

Systematic reviews, point of care tools, guidelines

(e.g Up to Date, Best practice, Helsebiblioteket, Pubmed clinical queries)



Books can give you a good start/ overview

(E-books in clinical key, Your Hospital/University-library catalogue e.g Oria.no)

Citation nesting — Start off/supplement search

e.g Google scholar

Search technique - Top Tips

- Use more than one source 
- Remember synonymes 
- Look out for **Systematic reviews!**

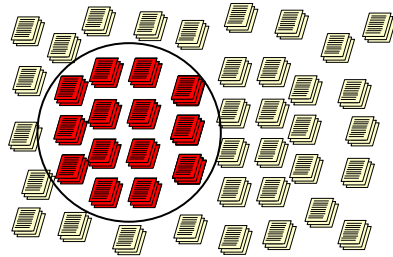
When available:

- Use **Keywords** e.g MESH
- Phrase search: write "quotes around words"
- Limits: Language, year, document type
- Defined search fields (author, article title..)
- Truncate(*)- search for different word endings

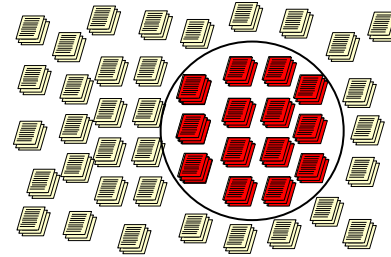
How to combine search terms

AND

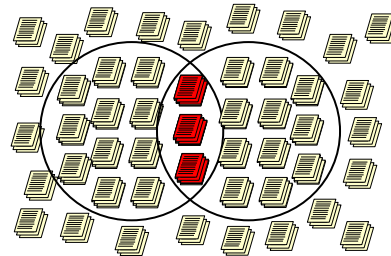
Depression



Palliative medicine



AND

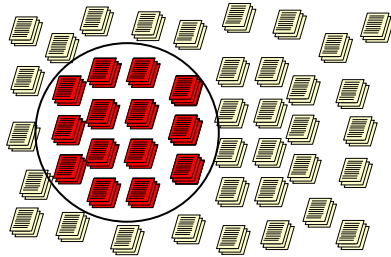


Depression AND Palliative medicine

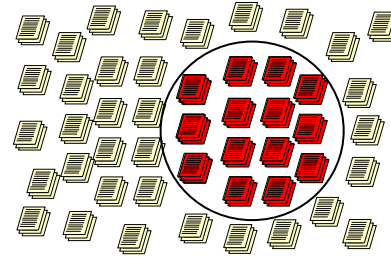
How to combine search terms

OR

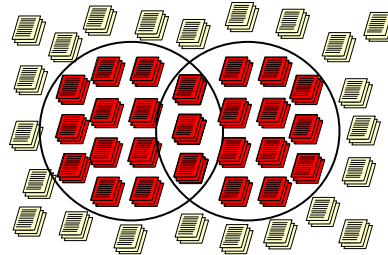
Depression



Depressive disorders



OR



Depression OR Depressive disorders

Evaluate your sources

Quality, reliability, relevance for your text

- What(type) of journal? Year? Author? Ranking?
- Type of study – case report VS large RCT
- Indexed in a research literature database?
- Checklists for critical appraisal
<https://www.fhi.no/kk/oppsummert-forskning-for-helsetjenesten/sjekklister-for-vurdering-av-forskningsartikler/>
<https://casp-uk.net/casp-tools-checklists/>

**How does the study help you
answer your research question!**

BMJ Best Practice

Search conditions, symptoms...

Summarized research

Easy searching

NB! Not free of charge



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Best Practice app



Get fast access to clinical answers.
Anywhere. Even when offline.

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15 Nov 2017

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LAT

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«Quick answers »

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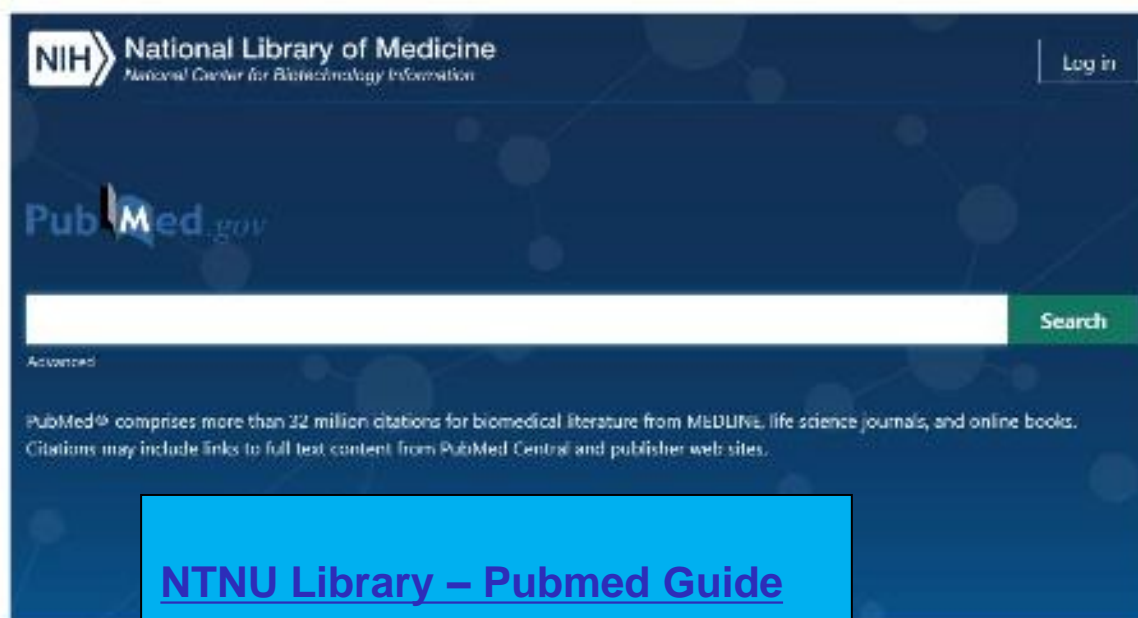
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Medicine and Health Library, NTNU

September 2021

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Advanced search + settings

Interdisciplinary

Citations (approximate nr of)

Find Open access

Limited search - functionality

Google Scholar

Q

☒ Articles

☐ Case law

Any time

Since 2020

Since 2019

Since 2016


Custom range...

Sort by relevance

Sort by date

Create reference

Sort by date – only last year

[HTML] Point counterpoint. **Ethics and genomic incidental findings.**
AL McGuire, S Joffe, BA Koenig... - Science (New York ...), 2013 - europepmc.org
The American College of Medical Genetics and Genomics (ACMG) recently issued a statement (1) recommending that all laboratories conducting clinical sequencing seek and report pathogenic and expected pathogenic mutations for a short list of carefully chosen ...
☆ 113 Cited by 113 Related articles All 3 versions 

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Searches full text/all the text of documents

What is much cited ranks high on result-page

Search for one known reference/article works very well

No quality control on journal level

User guide from the vendor

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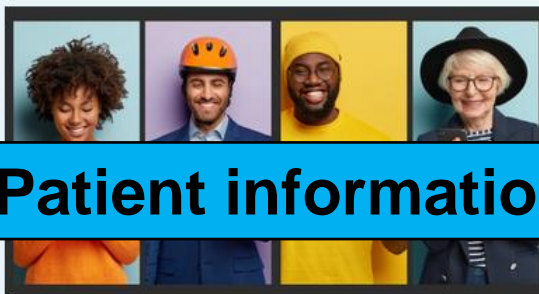


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Readygov #PreparedNotScared

@Readygov

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- 📦 Gather supplies to last a few days. Don't forget the needs of your pets!
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Why references?

- Integrity and recognition of other authors, respect and integrity
- Scientific ethics and practice
- The reader should be able to identify the sources used



VIKO – How to avoid plagiarism www.ntnu.edu/viko

**Hviskeleken - Det du tror du vet, kan være en akademisk vandrehistorie
Spinat - inneholder det mye jern?
*Forskerforum 47(7) 2015***

Gråsoner i akademisk siteringspraksis / Rekdal 2016

www.etikkom.no/FBIB/Temaer/Redelighet-og-kollegialitet/grasoner-i-akademisk-siteringspraksis/

Good citation practice

- When should you cite your sources?
If you refer to, quote or paraphrase another text
- You should have read what you cite
- Use primary sources if possible, if not the citation should indicate this
- When not to cite?
If the point in question is considered «common knowledge»
- Save your references as you progress in your project.
- Most important – your readers should be given enough information to be able to identify your sources



What is Zotero?

- Easy web-based tool to collect, save and organize references (Open access/ Free)
- Import references from websites and databases – make your own collection of references (reference library)
- Use your reference library when you write to get correct citations and reference lists i Word, in your style of choice; Vancouver, APA, Harvard...

<https://www.ntnu.no/blogger/ub-mh/en/endnote-zotero/zotero/>

What is Endnote



EndNote is also a reference management tool,
(like Zotero, but has more advanced functionality)

You will have to buy a licence or ask if your institution
provides a licence

www.ntnu.no/blogger/ub-mh/en/endnote-zotero/



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Subject page for medicine and health

News and subject resources in medicine, nursing and health sciences

Databases/Articles

Article Search

- PubMed – medicine and health science (handout from the library course)
- Medline – medicine and health science
- EMBASE – medicine, health science and pharmacology
- Cochrane Library – medicine and health science (systematic reviews)
- SveMed+ – medicine and health science (in Norwegian)

- Cinahl – nursing
- PsycINFO – psychology and psychiatry
- Global Health – public health and global health
- SPORTDiscus – sports and movement science
- PEDro – physiotherapy evidence
- OT Seeker – occupational therapy
- AMED – physiotherapy and occupational therapy
- ERIC – pedagogy

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