

INFORMATION SOURCES

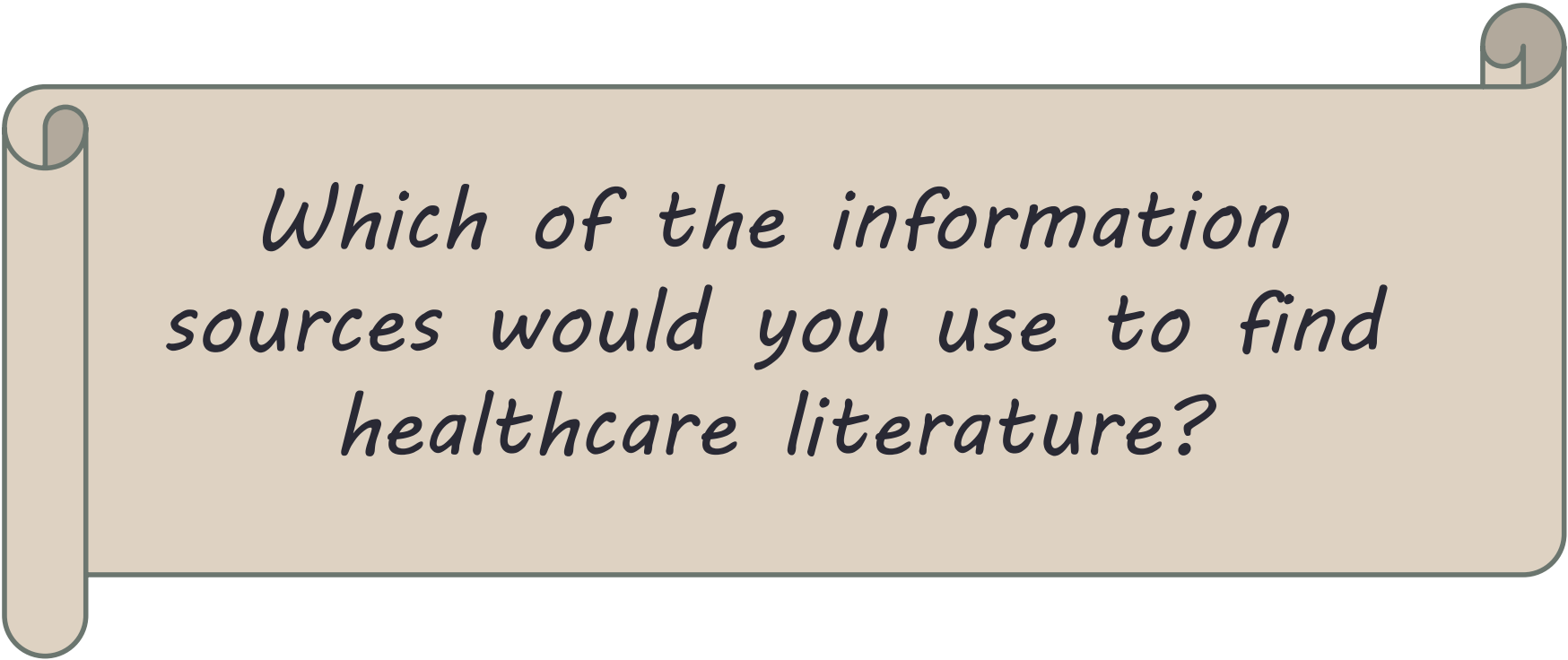
Library subscription and free Internet resources



Objectives

1. To explore subscription and freely available healthcare resources
2. To assess the quality of selected information resources
3. To identify the most useful resources for a range of research and learning contexts

Would you use it?

A light brown scroll graphic with a dark brown outline and rounded corners. The scroll is partially unrolled, with the top and bottom edges curving inward. The text is written in a black, cursive font.

Which of the information sources would you use to find healthcare literature?

Accessing resources

Library website: A-Z of Library

<http://www.uhbristol.nhs.uk/for-clinicians/library-and-information-service/a-z-of-library/>

Library Connect page

Teaching and Learning → Library and Information Service

<http://connect/NEWTEACHINGANDLEARNING/LIBRARYANDINFORMATIONSERVICE/Pages/default.aspx>

Library A-Z:

<http://www.uhbristol.nhs.uk/for-clinicians/library-and-information-service/a-z-of-library/>

Case Study: Patient S

Symptoms: Sneezing,
nasal congestion, sore
throat, cough, low grade
fever



BOOKS

Books

Advantages

- Peer reviewed
- Broad topics with comprehensive information
- Easy to access

Disadvantages

- Slow publication process
- Quickly outdated
- Difficult to share material



www.swims.nhs.uk

- Library catalogue for all NHS Libraries in the South West
- Print books and e-books
- Interlibrary loans: if we don't have it we can get it for you



www.swims.nhs.uk

Find a book about respiratory tract infections held by the UH Bristol Library

Library A-Z: <http://www.uhbristol.nhs.uk/for-clinicians/library-and-information-service/a-z-of-library/>

POINT OF CARE TOOLS



- The gateway to our subscription resources
- Not an information resource itself

**UH Bristol Athens
account**



UH Bristol e-resources



- **Self-registration** at <https://openathens.nice.org.uk/>
 - You will need to register using a Trust PC and a UH Bristol email address
- **Automatic registration with Library membership**



www.clinicalskills.net

- Information and graphics for over 220 clinical procedures
- Regularly updated with the latest evidence
- A resource to support learning – not for assessment
- Local UHB practice may differ

www.clinicalskills.net

*Find the procedure for
handwashing*



Library A-Z: <http://www.uhbristol.nhs.uk/for-clinicians/library-and-information-service/a-z-of-library/>

UpToDate[®]

www.uptodate.com

- The leading evidence-based point of care tool
- Contains more than 9,500 searchable topics across a vast range of specialities
- Regularly updated through a strict, expert-led peer review process



www.dynamed.com

- An evidence-based point of care tool
- Provides useful overviews of conditions and treatments

Use UpToDate / Dynamed to find information about:

ZINC

ECHINACEA

VITAMIN C

Which would you recommend for Patient S?

Library A-Z: <http://www.uhbristol.nhs.uk/for-clinicians/library-and-information-service/a-z-of-library/>

DATABASES



www.library.nhs.uk/hdas

- Healthcare Databases Advanced Search
- Searches across eight key healthcare databases
- Covers a range of academic information sources
- Linked to our holdings



www.ncbi.nlm.nih.gov/pubmed

- Maintained by the US National Library of Medicine
- A free resource
- Coverage: Medline (98%) and some other non-Medline indexed citations (2%)



versus



- Free to access (PubMed)
- ~20 million records
- Journal articles
- ~26,000 thesaurus headings (MeSH)

- Subscription access (NHS Evidence)
- ~27 million records, including all Medline records
- Journal articles and conference abstracts
- ~60,000 thesaurus headings (Emtree)



<https://scholar.google.co.uk/>

- Freely available
- Searches across an 'academic' subset of the Internet
 - Undefined search scope
 - Grey literature
- Searches are returned by Google algorithm
 - No human curation
 - Not necessarily peer reviewed

Search your database for:

Echinacea



- *How many results did you get?*
- *What is your most useful result?*
- *What is the most recent result?*

Library A-Z: <http://www.uhbristol.nhs.uk/for-clinicians/library-and-information-service/a-z-of-library/>

Echinacea: usage vs. evidence

- Usage

- Usage dates back to Native Americans in 1600s, but growing popularity today
- In 2008 in the US, sales over \$15 million
- In Germany, over 2 million physicians' prescriptions for Echinacea are filled out each year

- Clinical trials for the common cold

- **Treatment:** A 2014 systematic review of 15 RCTs comparing echinacea with placebo found no benefit
- **Prevention:** Well-designed studies of echinacea have not generally found it to be effective



Database comparison

	HDAS	PubMed	Google Scholar
Sources	8 key healthcare databases, including Medline	98% Medline	An undefined 'academic' subset of the Internet
Content	Broad healthcare coverage	Biomedical and clinical	All subject areas
Access	OpenAthens	Free (though doesn't work using Trust IE)	Free
Peer reviewed content	Yes	Yes	Unknown
Human curated	Yes	Yes	No – search returned by Google algorithm
Thesaurus	Yes – each database has its own	Yes – MeSH	No
Linked to UHB resources	Yes	No	No

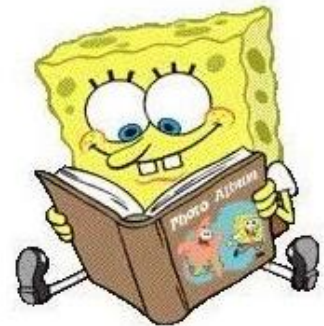
Accessing full text papers

Subscription resources

- NHS Evidence: Journals and Databases
(<http://www.library.nhs.uk/booksandjournals/journals/>)

Inter-library loans

- [Connect form](#)
- Email: library@uhbristol.nhs.uk



OTHER RESOURCES

Other resources

- BNF / BNF for children: www.bnf.org
- Anatomy.tv: <http://anatomy.tv/>
- Cochrane Library: www.cochranelibrary.com



Cochrane
Library



ANATOMY.TV

 POWERED BY PRIMAL PICTURES

Grey literature

- Clinical trials registries
 - ClinicalTrials.gov: www.clinicaltrials.gov
 - WHO Registry Platform: <http://apps.who.int/trialsearch/>
- Dissertation and Theses
 - EThOS: <http://ethos.bl.uk/Home.do>
 - DART-Europe: www.dart-europe.eu
- NICE
 - Guidance: www.nice.org.uk/guidance
 - Clinical Knowledge Summaries: <http://cks.nice.org.uk/>
- Social Media
 - FOAM (Free Open Access Meducation): #foam

Wikipedia: to use or not to use?

Advantages

- Free
- Useful for discovery / general overview
- References (if reliable)

Disadvantages

- Pages can be edited by almost any user
- No subject expert peer reviewing process
- Beware misinformation!



WIKIPEDIA
The Free Encyclopedia

PATIENT P

Case Study: Patient P

Diagnosed with
Trimethylaminuria



FINAL THOUGHTS

Would you use it?

Do you want to make any changes?

Would use

Would not use

Unsure / unfamiliar

Other Library training sessions

Literature searching

Understanding articles

Introduction to Medical Statistics

Email library@uhbristol.nhs.uk

to find out more or to book a session

The Library

Level 5, Education Centre

library@uhbristol.nhs.uk

Ext. 20105