Welcome & Introduction

Objectives:
To provide introductory knowledge of evidence-based practice and health information.

Presentation Content:
• What is evidence-based practice?
• What is “quality” information and how do we find it?
• Tips and tricks for finding information.
• Where to access further assistance.

Duration: 30-45 minutes

Question

In your job, what information do you need?
Evidence Based Practice

EBP is a decision making process for patient care.
Consists of:

Clinical expertise - experience, education & clinical skills

+  

Patient values - personal preferences, unique concerns & expectations

+  

Best research evidence - clinically relevant research conducted using sound methodology
(Sackett D, 2002)

Finding Quality Information: Health on the Net (HON)

HON Code is a guarantee of quality health information.

- Use Firefox Add-on.
- Search in HON
- Use HONSearch

www.HON.ch

HON Website
Systematic Reviews: Advantages

Tell you:
• Databases searched,
• Search terms used,
• Type of articles included & excluded.

Results of a systematic review are better than a non-systematic review.
Timeliness in getting published.

Cochrane Collaboration

Cochrane Collaboration provide independent evidence to inform healthcare decision-making.

• Include reliable evidence systematic reviews, clinical trials, and more across a range of health disciplines.

• Access Cochrane via QHEPS ➔ Library ➔ Online Resources ➔ CKN ➔ Cochrane.

• Or free online at: www.cochrane.org/

Finding Quality Information

Health information current 5 years (determined by your search topic.)
• Timeliness – takes up to 2 years to get published, on top of time taken to research & write up.
• Published information becomes quickly out-dated.
• Search the Internet but only cite authoritative sources e.g. Universities, Health Organisations.
Where do I start?

Qld Health Libraries Website

Libraries website hosts a range of helpful resources:
- Catalogues
- Ask us a question
- Request a journal article or book
- Ask us to search for information
- Register as a library user
- E-resources and E-books
- Subject Guides

Clinical Knowledge Network (CKN)

- Provides online access to a range of core medical, nursing & clinical titles.
- Includes full text e-books, e-journals, patient handouts, drug information and, databases.
- Databases include:
  - Drug related information (e.g. MIMS, APRIL)
  - Databases (e.g. CINAHL, Medline, Cochrane)
  - Online texts (e.g. Harrisons, e-medicine, Merck) Clinical Practice Guidelines

https://www.ckn.org.au/

State Library Of Queensland

Provides online access to a range of databases.
- Includes full text e-books, e-journals.
- Databases include: Informit health databases (ATSIhealth, Ausport/Med, CINCH, Drug, Meditext)
- H&S, Health and Wellness Resource Center, Health Collection, HIVA, and, Multilingual Health Databases.

Information and registration: www.slq.qld.gov.au/services/ecard

Health Databases: www.slq.qld.gov.au/find/articles/databases_health
Databases

Which Database?
There are a number of databases especially useful for Nursing and Allied Health including:

- Cochrane,
- CINAHL,
- AustHealth/Informit (CKN\view all databases)
- PubMed (Medline),

Other Internet Sources

- National Health System (UK) http://www.nhs.uk/Pages/HomePage.aspx
- Behind the News (UK) http://www.nhs.uk/News/Pages/NewsIndex.aspx
PubMed & Medline provide online access to a range of articles, videos, client information resources, and systematic reviews. Includes some full text. Able to use clinical query search strategies.

- Subject strengths: medicine, nursing, allied health.
- Access via QHLW or free online at:

Search Tips

- Use "Controlled Vocabulary" ie Medical Subject Headings (MeSH)
- Think laterally – use words that mean the same thing (synonyms)
- Include American and British spelling, e.g.
  - pediatric AND paediatric;
  - aging AND ageing
Search Tips

- Use retrieved record **suggested terms** for search construction
- Utilise subject headings from retrieved records

Search Tips (Cont.)

- Start with a broad topic search rather than highly specific or you may miss a vital paper.
- e.g. If you want to know if pressure bandaging is best for leg ulcers:
  - Search terms “pressure” (s1) then search “ulcers” (s2)
  - Combine terms s1 AND s2
  - Have a look at the subject headings of relevant records – do another search using additional terms
  - Now refine your search using limits (age, sex, etc)

Search Tips

- Use truncation
  - * or $ e.g. Child* = children, childs, childers, etc
- Use Boolean operators (AND, OR)
- Use limits (sparingly!)
  - e.g. English language, date range, age, sex
Help

Contact the CISS Library Services: CISS-library@health.qld.gov.au or ph 3049 1509.

Access web-based tutorials via CKN or your University Library. Topics available include:

• Literature reviews,
• Information tutorials,
• Evidence-based practice,
• Undertaking critical appraisal, and,
• EndNote.

Nearly finished ….

• Any questions?
• Thanks for participating.

Jane Orbell-Smith
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Community, Indigenous and Subacute Services
North Lakes Health Precinct
Updated: June 2015
Looking for Health Information?

If you have spent more than 30 minutes it's time to contact your Health Librarian.

Health Libraries: Better Evidence, Better Health!