



Evidence Based Practice Literature Searching

Medical Imaging & Radiation Sciences
Rehabilitation Sciences



Agenda

Welcome

Ovid

Major databases

EBM Reviews

Point of Care Tools

DynaMed

BMJ Clinical Evidence

EBSCO databases

Cinahl

SPORTDiscus

Additional Resources



Ovid Databases

Primary Interest

MEDLINE

EMBASE

Secondary Interest

AMED



MEDLINE

Produced by the
National Library of
Medicine (NLM)

Indexes 22 million
citations

1946-present

International in scope

Subject coverage:
medicine, dentistry,
nursing, veterinary
medicine and the
healthcare system

Search using Subject
Headings (MeSH)



EMBASE

Indexes over 7,500
journals including
international journals

Search using Subject
Headings

1974 - present

Especially strong in
coverage of drug
and pharmaceutical
research. Also
includes health
policy, and clinical
medicine



Allied and Complementary Medicine Database (AMED)

Produced by the
British Library

1985-present

Search using Subject
Headings

Emphasis on
complementary
medicine, palliative
care, physiotherapy,
occupational therapy
and rehabilitation

Ovid: EBM Reviews

ACP Journal Club

Cochrane Central Register of Controlled Trials

Cochrane Database of Systematic Reviews
(CDSR)

Database of Abstracts of Reviews of Effects
(DARE)



ACP Journal Club

Editors of ACP Journal Club:

- Regularly screen the top clinical journals
- Identify studies that are clinically relevant
- Write an enhanced abstract and commentary



Cochrane Central Register of Controlled Trials

Bibliographic database of definitive controlled trials

Intent: Systematically search the international health care literature and create an unbiased source of data for those preparing systematic reviews

MeSH subject headings and text searching



Cochrane Database of Systematic Reviews

Produced by the Cochrane Collaboration

Includes two types of reviews:

- Complete reviews

- Protocols

Text searching



Database of Abstracts of Reviews of Effects (DARE)

Produced at the University of York, England

Contains critical assessments of systematic
reviews

Text searching



Point of Care Tools

DynaMed

BMJ Clinical Evidence

CINAHL Evidence Care Sheets



DynaMed

All information is evidence-based

DynaMed Mobile



BMJ Clinical Evidence

Summarizes evidence from systematic reviews, RCTs, etc.

Emphasis is on clinician's expertise to apply the evidence



Exercise

Question: Find evidence that discusses the use of acupuncture to treat neck pain.

Ovid

MEDLINE

EMBASE

DARE and other EBM Reviews databases

Point of Care Tools

DynaMed

BMJ Clinical Evidence

CINAHL Evidence Care Sheets



Additional Resources

OT Seeker (a library database)

PEDro

TRIP Database

National Guideline Clearinghouse



Physiotherapy Evidence Database (PEDro)

<http://www.pedro.fhs.usyd.edu.au/>

Produced by the University of Sydney's Centre
of Evidence-Based Physiotherapy

Developed to give rapid access to RCTs and
systematic reviews in physiotherapy

OT Seeker

Access through the OUHSC Library's E-Resources page (alphabetic list)

Contains abstracts of systematic reviews and randomized controlled trials relevant to OT

Trials have been critically appraised and rated



Turning Research Into Practice (TRIP)

- <http://www.tripdatabase.com/>
- Numerous resources are scanned for evidence based content relevant to clinical questions



National Guideline Clearinghouse

<http://guideline.gov/>

Maintained by the Agency for Healthcare
Research and Quality (AHRQ)

A public resource for evidence based clinical
practice guidelines

Includes links to a guideline compare tool and
full-text if available



CINAHL

EBSCO Database

CINAHL = Cumulative
Index to Nursing
and Allied Health
Literature

Coverage 1982-
present

Controlled vocabulary

Indexes ~1200
journals as well as
books, NLN and
ANA publications,
videos,
dissertations, etc.

Primarily English
language



SPORTDiscus

EBSCO Database

Produced by the
Sport Information
Resource Centre in
Canada

International
coverage from
1830-present

Controlled
vocabulary

Subject emphasis
includes
biomechanics,
exercise physiology,
motor learning,
physical therapy,
and sports and
disabled populations



Questions?

Contact

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<http://library.tulsa.ou.edu/assistance/askus>