Library Resources: Occupational Therapy Research

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The first stop: Library’s homepage
https://www.lsuhsc.edu/library

• Bookmark it!
• Everything you need, you can access through this page.
Off-Campus Access

OpenAthens

• Log in with your full LSUHSC-NO e-mail and network password.

• When prompted to choose an organization, type LSU in the box and select "LSU Health Sciences Center Library."

• Some sites support logging in directly using your LSUHSC-NO/OpenAthens credentials. Those sites are available [here](#).

OR

EZproxy

• Log in with your Library barcode and PIN. You can also log into EZproxy using OpenAthens.

• All Library resources are available through EZProxy, with a customized link.
CONDUCTING RESEARCH...
For scholarly journal articles, you will need to search a database(s)...
Considerations in Selecting a Resource

- Background: different resources will be appropriate
  - PubMed
  - Cumulative Index to Nursing & Allied Health Literature (CINAHL)
  - Cochrane Library

- What types of material are included:
  - peer reviewed
    - Check OT LibGuide: Journals
  - conference proceedings
  - practice guidelines
Considerations in Selecting a Resource

- Full text vs Citations
- Multidisciplinary focus (Scopus) vs Subject specific (CINAHL)
- Period of time covered by the resource
Evidence-Based Principles

Consult: Portney, Leslie Gross, 2015; Taylor Renee, 2017

"...the conscientious, explicit, and judicious use of current best evidence in making decisions about the care of the individual patients" (Sackett, 1997)
Evidence Based Principles

Consult: Portney, Leslie Gross, 2015; Taylor Renee, 2017

- **7 steps of Evidence Based Practice**

  1. Define the question *(PICO)*
  
  2. Search for best evidence
  
  3. Select *studies*
  
  4. Critically appraise evidence (validity, bias)
  
  5. Integrate evidence
     - *(research evidence + clinical expertise + patient values)*
  
  6. Evaluate outcomes in your patient / population
  
  7. Disseminate findings
Evidence Based Principles

1. Formulate **patient – centered** questions

<table>
<thead>
<tr>
<th>P</th>
<th>I</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>Population</td>
<td>Intervention Or Exposure</td>
<td>Comparison</td>
<td>Outcome</td>
</tr>
<tr>
<td>Patient Problem</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Who are the patients?</td>
<td>What do we do to them?</td>
<td>What do we compare the intervention with?</td>
<td>What happens?</td>
</tr>
<tr>
<td>What is the problem?</td>
<td>What are they exposed to?</td>
<td></td>
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</tbody>
</table>
Evidence Based Principles

2. Find the **best research evidence** to answer your question / conduct search
Evidence Based Principles

3. Select **studies**
Evidence Based Principles

4. Critically appraise the evidence
   • validity
   • bias

Hierarchy of Evidence
Evidence Based Principles

4. Critically appraise the evidence
   • validity
   • bias
Evidence Based Principles

5. Integrate evidence

• research evidence
• clinical expertise / IPE
• patient needs

Based on the Evidence-based Medicine Triad Source: Florida State University, College of Medicine. Retrieved 08/15/18
Evidence Based Principles

6. **Evaluate outcomes** in your patient and identify ways to improve

7. **Disseminate findings**
   - poster / presentation
     - Research Day on campus / conference
   - publish a paper
   - newsletter via local, state or regional organizations
Search for the best evidence (journal articles)...

1. Identify your subjects

“I need to find occupational therapy research on TBI elderly patients.”
2. Break your search into simple phrases

OT / TBI

Try this: brainstorm synonyms

Use keywords / subject headings

• not phrases, sentences, and/or acronym(s)
Keywords vs. Subject Headings

<table>
<thead>
<tr>
<th>Keyword: Any word or phrase in the title, subject headings, notes, abstract, etc. used as a search term.</th>
<th>Subject Heading: A word or phrase from a controlled vocabulary used to describe the subject of a document.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: what you type when you use Google</td>
<td>Example: Medical Subject Headings (MeSH), CINAHL Subject Headings</td>
</tr>
</tbody>
</table>

| Cerebrovascular Accident vs. Stroke |
| Heart attack vs. Myocardial Infarction |
| Drug Abuse vs. Substance Related Disorders |
identifies MeSH® terms in your submitted text (abstract or manuscript)

https://meshb.nlm.nih.gov/MeSHonDemand
3. Connect phrases with **Boolean operators**

occupational therapy AND traumatic brain injuries

- **AND** (both terms)
- **OR** (either term)
- **NOT** (omit term)
Reminder! BRAINSTORM SYNONYMS

word or phrase that may mean exactly or nearly the same as another

Occupational therapy AND traumatic brain injuries

OR

Brain Injuries/prevention and control OR Brain Injuries/rehabilitation OR Brain Injuries/therapy

Note: this will retrieve records from other disciplines that may be relevant/useful
4. Apply limits (filters)

Article Types
• Randomized controlled trial, case studies...

Age(s)
• Child
• Adults

Journal Categories
• via CINAHL
  • Journal Subset: Allied Health
• via PubMed: MEDLINE, Core clinical journals

Special Interest
• via CINAHL
  • Occupational Therapy
29+ million biomedical literature from MEDLINE
1940 - Present

*Access through the library homepage for more full text
http://www.lsuhsc.edu/library/
Translating the Search Results

Ways to limit results

Options for viewing the results

Select citations and print, save, email, send to citation manager, etc.

The search behind the scenes

Track your searches
What’s in a record?

The article’s indexing
(more ways to search)

See if LSUHSC has
access to the article

Find other relevant articles

The abstract summarizes the article

Abstract

Safety, humoral and cell-mediated immune responses to herpes zoster vaccine in subjects with diabetes mellitus.

Objective: To evaluate varicella zoster virus-specific cell-mediated immunity and humoral immunogenicity against the herpes zoster vaccine, which is licensed as the Live Varicella Vaccine (Oka strain) in Japan, in elderly people with or without diabetes mellitus.

Methods: A pilot study was conducted between May 2010 and November 2010 at Kita Hospital, a general hospital in the city of Osaka in Japan. A varicella skin test, interferon-gamma enzyme-linked immunosorbent assay and immunofluorescence hemagglutination tests were performed 0, 3, and 6 months after vaccination. Vaccine safety was also assessed using questionnaires for 42 days and development of zoster during the one-year observational period. We enrolled 10 healthy volunteers and 10 patients with diabetes mellitus aged 60–70 years.

Results: The live herpes zoster vaccine boosted virus-specific, cell-mediated and humoral immunity between elderly people, with or without diabetes. Moreover, no systemic adverse reaction was found. None of the study participants developed herpes zoster.

Conclusion: The live herpes zoster vaccine was used safely. It effectively enhanced specific immunity to varicella zoster virus in older people with or without diabetes mellitus.

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What’s in a record?

* means it is a MAJOR heading

Click on the link and find ALL articles with that MeSH heading

Filters available from the Results page
PubMed Searching

  • Quick Start guide
  • Subject Search
  • Using Medical Subject Headings to make a better search
  • Advanced Search Builder
Options to Find Full Text via databases

• If there is no direct link to the PDF of the article, look for this icon:

(PubMed, EBSCOhost, Google Scholar, etc.)

• Click on it and you will be given options for retrieving the article.
Options to Find Full Text via Library’s homepage

• **Discover** LSUHSC Libraries Resources

• **E-Journals** & E-Books A to Z

• **INNOPAC**, the Library’s catalog
SAVING YOUR RESULTS

Print the abstract or full text PDF

Save to a USB

E-mail articles to yourself

Create an account to save your articles
  • EBSCOhost Folder via CINAHL
  • My NCBI via PubMed  
    • register or login with your Google account
Not Available in Library?

- submit an interlibrary loan (ILLiad):
- see “first time users”
Web-Based Bibliography

RefWorks (New)
Other Evidence Based Resources

Cumulative Index to Nursing and Allied Health Literature

Access from the Databases tab or Quick Links
Evidence – Based Medicine and Systematic Reviews

Access from the Databases tab
Multidisciplinary article search (MEDLINE) and impact of journals

### Sources

**Introducing CiteScore metrics for serials**

We are proud to introduce CitScore metrics from Scopus – comprehensive, current and free metrics for serial titles. In Scopus, search on browse below to find a source and see the new metrics. Use the annual metrics for reporting, and the 2016 metric for up-to-date tracking.

Be sure to use qualitative as well as the below quantitative inputs when presenting your research impact, and always use more than one metric for the quantitative part.

#### Search for a source

- **Search:** occupational therapy
  - **Title**
  - **ISSN**
  - **Publisher**
  - **Display only Open Access journals**

#### 3.5 sources found matching "occupational therapy."

<table>
<thead>
<tr>
<th>Source title</th>
<th>CiteScore</th>
<th>SJR</th>
<th>SNIP</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Journal of Occupational Therapy</td>
<td>1.85</td>
<td>0.913</td>
<td>1.210</td>
<td>Journal</td>
</tr>
<tr>
<td>Australian Occupational Therapy Journal</td>
<td>1.18</td>
<td>0.590</td>
<td>1.016</td>
<td>Journal</td>
</tr>
<tr>
<td>British Journal of Occupational Therapy</td>
<td>0.69</td>
<td>0.403</td>
<td>0.601</td>
<td>Journal</td>
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</table>
Abstracts of systematic reviews, randomized controlled trials and other resources relevant to occupational therapy

Access from the Databases tab or www.otseeker.com

Note: Due to a lack of funding for OTseeker, content on OTseeker from 2016 and beyond is not as comprehensive as previously. Therefore, we recommend that users of OTseeker also search for more recent evidence using other freely available search engines and databases such as PEDro, and PubMed.
Web resource that contains information on conducting research and evidence based practice.

Click on the Practice tab, then Evidence & Research

http://www.aota.org/
Patient Education Resource

Information for Patients, Families and Resources for Health Professionals

From the National Library of Medicine (NLM) at the National Institutes of Health.

Web resource that contains patient education resources

Click on the Practice tab, focus areas: Children & Youth, Health & Wellness, Productive Aging

http://www.aota.org/
LibGuide:
http://libguides.lsuhsc.edu/ot
RECAP of resources via the Library’s homepage

• **Discover LSUHSC Libraries Resources** = search multiple databases

• **E-journals & E-books A to Z** = materials the library owns PLUS freely available resources on the Web

• **INNOPAC, Library’s catalog** = books, journals, and other items owned by the library, both print and electronic

• **LibGuides** = books, journals, and other resources listed by subject area

• **Quick Links** = tutorials, PubMed, CINAHL, RefWorks, wireless instructions
FOR ANY ASSISTANCE!

- Reference Librarians available
  - 8 am – 7 pm (Monday – Thursday)
  - 8 am – 4:30 pm (Friday)
- Telephone: 568-6100 (Circulation Desk)
- reference@lsuhsc.edu
- Chat Service