# Searching the Literature in PT What Clinicians Need to Know

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SMBD Jewish General Hospital Health Sciences Library
October 2007

# Agenda

2:00	JGH Health Sciences Library Resources McGill Life Sciences Library Resources Remote Access Overview of selected online resources		
2:20	Demonstration of selected resources		
2:50	Hands-on searching of selected resources		
3:10	Regroup Feedback & Conclusion		

# Myth #1



# Everything is NOT online...yet

- Some health sciences journals (~25%) are not being published in digital format
- Most older articles are not available online (e.g. < 1995)</li>
- Most health science texts are not available online
- However indexes of references and abstracts are online, for finding out what has been published

# Myth #2



# JGH staff can access online resources using their account

**Dial-up Access Service** (DAS) for modem dial-up (subsidized by McGill)- ask at circulation desk for sign up sheet

Virtual Private Network\* (VPN) for high-speed connection (e.g. Videotron, Sympatico)

For instructions go to:

www.mcgill.ca/ncs/products/network/remote/vpn/

\* You wil need a DAS username first

### JGH Health Sciences Resources

www.jgh.ca/hsl

- You can use our website to
  - Search our journal and book collections
  - Access McGill's biomedical journals
  - Access McGill's biomedical databases
  - Find tutorials on how to search databases
  - Request a journal article (ILL)
  - Find patient health information



#### Care For All

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Welcome

About Us

Instruction

Document Delivery / Interlibrary Loans

# To access online journal databases

als

### Quick Links

Biomedical Databases

MUSE

Medline

CINAHL

Pubmed w/Linkout

Ovid Online

Stat!Ref

UpToDate

Web of Science

Online Reference Collectio

e-CPS

#### Find a journal article

- JGH journals (physical holdings)
- Full-text biomedical journals at McGill
- Journals at McGill
- McGill catalogue (MUSE)
- Request an article ILL (JGH patrons only)

#### Find a book

- JGH book collection
- e-Books at McGill
- McGill catalogue (MUSE)
- Request a book ILL (JGH patrons only)

#### Services

- Circulation / DAS or VPN Account
- Reserve a conference room or equipment
- Interlibrary loan (ILL) & Photocopy for a fee service (PFS)
- Purchase a book for your department
- Recommend a pook is purchasing
- Ack a librarian

#### Patient Education

- Patient and Family Resource Centre (PFRC)
- Finding information to share with patients
- Creating patient level materials

To order a journal article (ILL)

Or

Search for print and online journals

- » Hours & Access
- Staff Directory

#### **JGH libraries**

- ICFP
- » LDI
- » PFRC

Links to instruction materials and tutorials

#### Instruction

- Instruction Coverage
  - » Tutorials & learning materials
    - Current awareness
  - Literature Searching
  - Finding, managing and evaluating information
  - Lecture handouts
  - Google course

Sign up for a lecture

#### Announcements

The library's homepage has changed.

Links to patient information

# Overview of selected online resources

### **MEDLINE**

Available on the Ovid platform (\$) and at <a href="http://pubmed.gov">http://pubmed.gov</a> (free to search, \$ for full text)

Producer	National Library of Medicine, U.S.	
Coverage & Updating	1966 – Updated weekly (Ovid); daily (PubMed) 4600 journals indexed	
Full text	available if subscription to journal is held by McGill	
# of references	15 million + 500 000 added every year	
Abstracts	75% of records have author-written abstracts	
Languages	30+	
Content	<ul> <li>Contains journal articles covering the full range of evidence from experimental studies to systematic reviews, with editorials and review articles as well.</li> <li>All life sciences, clinical, research, allied health, and related fields - medicine, nursing, dentistry, rehabilitation sciences, veterinary medicine, health care administration, and preclinical sciences, etc.</li> </ul>	
Search Options	■Subject headings (MeSH) and subheadings, AND, OR, limit by date, type of publication, age group, etc. ■Keywords, truncation using \$ (Ovid); * (PubMed)	

### Cochrane Database of Systematic Reviews

Available on the Ovid platform (\$) and at:

www.thecochranelibrary.org
(free to search, \$ for full text)

Producer	The Cochrane Collaboration (centres in 15 countries, e.g. McMaster in Canada), including 50 topic-based Collaborative Review Groups and 6000 members.
Coverage & Updating	1994- Updated quarterly
Full text	Yes through McGill
# of references	4000+
Abstracts	Structured abstracts for every completed systematic review
Languages	English
Content	Standardized format for presenting evidence, summary and conclusions (including: title and citation details, structured abstract, introduction, methods, results, discussion, implications for practice and research)  Extensive descriptions of studies included and excluded Detailed critical discussion of the evidence  MEDLINE citations and/or full text links to studies used if available Citations to studies included and excluded by reviewers Tables of characteristics of studies reviewed  Tables and graphs of results of reviews
Search Options	<ul> <li>Keywords (or MeSH)</li> <li>Search within fields: title, abstract, text, author</li> <li>Limits (systematic reviews, protocols, new reviews, recently updated reviews)</li> <li>Truncation using *</li> </ul>

### Rehabdata (\$)

Available though our website and at:

www.naric.com/research/re hab

Producer	National Rehabilitation Information Center, U.S. (NARIC)				
Coverage & Updating	1956 —				
Full text	No (citation and abstract available)				
# of references	69 000+				
Abstracts	250-word abstracts for every reference				
Languages	English				
Content	<ul> <li>Indexes books, reports, articles, and audiovisual materials relating to disability and rehabilitation research in the U.S.</li> </ul>				
Search Options	<ul> <li>Keywords; &amp; (ampersand) for AND; / (slash) for OR; truncation using *</li> <li>Thesaurus can be browsed for descriptor terms and the terms selected for search October 31, 2007</li> </ul>				

**HSL** Instruction

### PEDro (Physiotherapy Evidence Database)

www.pedro.fhs.usyd.edu.au

Producer	Centre for Evidence-Based Physiotherapy (University of Sydney, Australia)	
Coverage & Updating	1929 – Updated monthly	
Full text	Yes- if link is included in record	
# of references	9700+	
Abstracts	Author's abstracts included if publisher permits	
Languages	English	
Content	■References to clinical trials, systematic reviews, and practice guidelines of interest to physiotherapists.  ■PEDro score available for clinical trials – a critical appraisal tool to assist the reader in determining the validity and reliability of the study.	
Search Options	Keywords & limits	

### SPORTDiscus \$

### Available on the EBSCO platform

Producer	SPORTDiscus, Sport Information Resource Centre (SIRC), U.S.
Coverage & Updating	1800 –
Full text	available if subscription to journal is held by McGill
# of references	750,000 + 20,000 are theses and dissertations
Abstracts	An English-language abstract for advanced and research level articles, as well as book analytics;
Languages	60
Content	■Subject coverage includes sports medicine, exercise physiology, and physiotherapy. ■Indexes journal and magazine articles, books, book chapters, conference proceedings, theses & dissertations, etc.
Search Options	Subject headings, AND, OR, and limits. Keywords, truncation using *

### To access all databases- reminder

- Go to our library website at www.jgh.ca/hsl
- Click on "Biomedical Databases" under Quick Links
- Browse alphabetically or type in name of database

# Physiotherapy resources

- Research guides by subject: Physical therapy www.health.library.mcgill.ca/research/sguides/physical.cfm
- Physiotherapy databases

www.health.library.mcgill.ca/research/sguides/physical.cfm#dbases

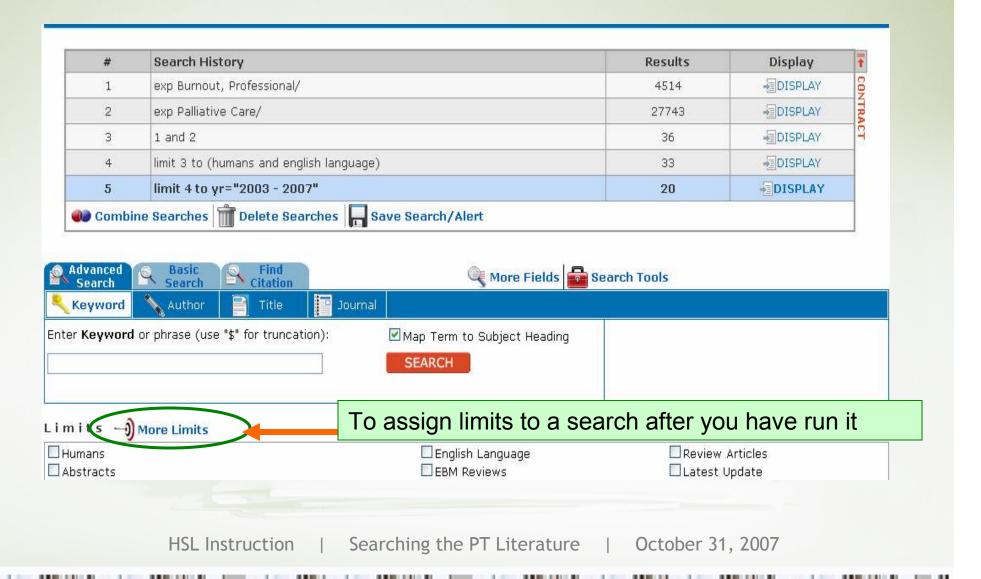
# Myth #3

Databases are difficult to search

# Clinical question

1) What are the "burn-out" rates of health care professionals working in the palliative care domain?

### Medline search



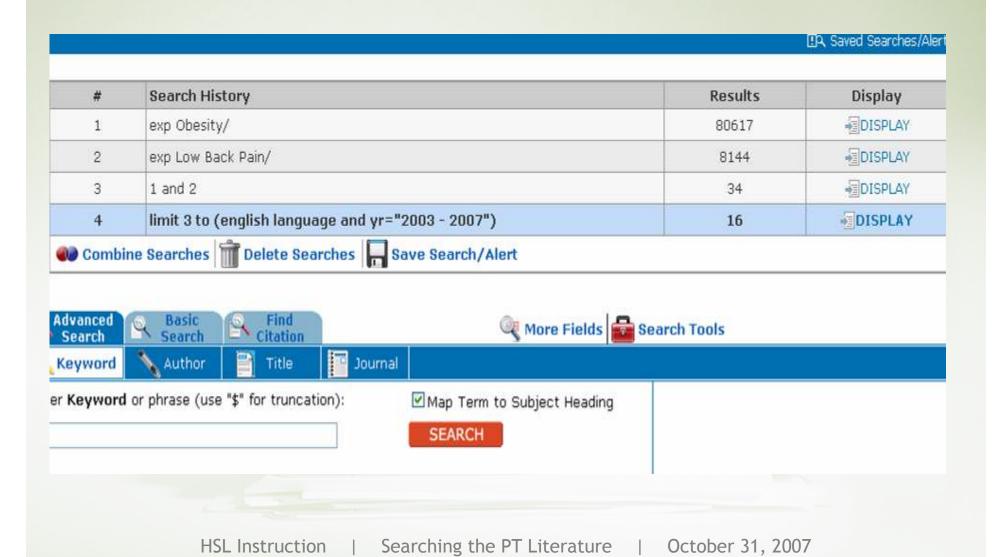
## Medline results

viewini Go to #	g 1-10 or 20 Results Your Recent Searches [+] #: 1 60	Next Result 🖪 🔫
1.	Desbiens JF. Fillion L. Coping strategies, emotional outcomes and spiritual quality of life in palliative care nurses.  [Journal Article] International Journal of Palliative Nursing, 13(6):291-300, 2007 Jun.  UI: 17851385  Authors Full Name Desbiens, Jean-Francois, Fillion, Lise.  Grind Similar   Find Citing Articles	Abstract     Complete Reference     Find It    McGill
2.	Fanos JH. "Coming through the fog, coming over the moors": the impact on pediatric oncologists of caring for seriously ill children. [Journal Article. Research Support, Non-U.S. Gov't] Journal of Cancer Education. 22(2):119-23, 2007. UI: 17605627  Authors Full Name Fanos, Joanna H.  Spind Similar   Diffind Citing Articles	Abstract Complete Reference Find It (McGill)
3,	Asai M. Morita T. Akechi T. Sugawara Y. Fujimori M. Akizuki N. Nakano T. Uchitomi Y. Burnout and psychiatric morbidity among physicians engaged in end-of-life care for cancer patients: a cross-sectional nationwide survey in Japan.  [Journal Article. Research Support, Non-U.S. Gov't] Psycho-Oncology. 16(5):421-8, 2007 May.  UI: 16929464  Authors Full Name  Asai, Mariko. Morita, Tatsuya. Akechi, Tatsuo. Sugawara, Yuriko. Fujimori, Maiko. Akizuki, Nobuya. Nakano, Tomohito. Uchitomi, Yosuke.  Q Find Similar   Driftind Citing Articles	<ul> <li>Abstract</li> <li>Complete Reference</li> <li>Find It  McGill</li> </ul>
4.	Feld J. Heyse-Moore L. <b>An evaluation of a support group for junior doctors working in palliative medicine.</b> [Journal Article. Research Support, Non-U.S. Gov't] <i>American Journal of Hospice &amp; <b>Palliative Care</b>. 23(4):287-96, 2006 Aug-Sep. <b>UI:</b> 17060292  <b>Authors Full Name</b> Feld, Jacqueline. Heyse-Moore, Louis.</i>	Abstract     Complete Reference     Find It    McGill
	Similar   Defind Citing Articles	

# Clinical question

2) Is obesity linked to an increased incidence of low back pain?

### Medline search



# Medline results

□ 1.	Naidoo R. Coopoo Y. The health and fitness profiles of nurses in KwaZulu-Natal. [Journal Article] Curationis. 30(2):66-73, 2007 Jun.  UI: 17703824  Authors Full Name Naidoo, R. Coopoo, Y.  Similar   Profind Citing Articles	Abstract Complete Reference Find It McGill
2.	Rubin DI. Epidemiology and risk factors for spine pain. [Review] [92 refs] [Journal Article. Review] Neurologic Clinics. 25(2):353-71, 2007 May.  UI: 17445733  Authors Full Name Rubin, Devon I.  Grind Similar   Draw Find Citing Articles	Abstract Complete Reference Find It  McGill
3.	Wijnhoven HA. de Vet HC. Picavet HS. Sex differences in consequences of musculoskeletal pain. [Journal Article. Research Support, Non-U.S. Gov't] Spine. 32(12):1360-7, 2007 May 20.  UI: 17515827  Authors Full Name  Wijnhoven, Hanneke A H. de Vet, Henrica C W. Picavet, H Susan J.  Grind Similar   Porition Citing Articles	Abstract Complete Reference Find It  McGill
4,	Kwon MA. Shim WS. Kim MH. Gwak MS. Hahm TS. Kim GS. Kim CS. Choi YH. Park JH. Cho HS. Kim TH. A correlation between low back pain and associated factors: a study involving 772 patients who had undergone general physical examination. [Journal Article] Journal of Korean Medical Science. 21(6):1086-91, 2006 Dec.  UI: 17179692  Authors Full Name  Kwon, Min A. Shim, Woo Seok, Kim, Myung Hee. Gwak, Mi Sook, Hahm, Tae Soo, Kim, Gaab Soo, Kim, Chung Su. Choi, Heon. Cho, Hyun Sung, Kim, Tae Hyeong.	Abstract Complete Reference Find It McGill  Yoon Ho. Park, Jeong

# Clinical question

3) Does physical activity affect depression in the elderly (geriatric) population?

# Pedro search

Physiotherapy E	ridence Database home	SEARCH qu	uestions tutorial link	
				Search advanced searc
Abstract & Title:	physical activity and depress	ion and elderly		
Therapy:	- No Selection -	~	Author/ Association:	
Problem:	- No Selection -	~	Title Only:	
Body Part:	- No Selection -	×	Source:	
Subdiscipline:	- No Selection -	~	Published since:	[уууу]
Method:	- No Selection -		New records added since:	[dd/mm/yyyy
			Score of at least:	(/10)

### Pedro results



Search Results

Displaying records 1 through to 3 of 3 records found

simple search

Physiotherapy Evidence Database

Click on a title to view details of that record. If your search has returned many records you may need to click on "More Results" (at the bottom of the page). To display a list of records from one or a series of searches, click on "Select" and then "Display Selected Records" (at the bottom of the page).

Title	Method	<u>Score</u> (/10)	Select Record
Physical exercise and psychological health	systematic review	N/A	Select
The efficacy of exercise as a long-term antidepressant in elderly subjects: a randomized, controlled trial	clinical trial	8/10	Select
Efficacy of a self-management group intervention for elderly persons with chronic pain	clinical trial	6/10	Select
<u>display</u> <u>continue</u>	<u>new</u>		<u>new</u>

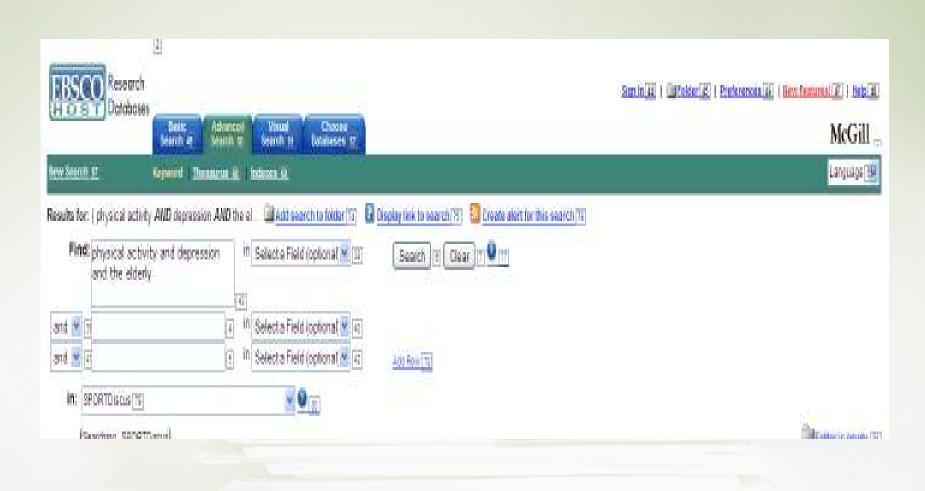
selected records

If you know of a randomised controlled trial or systematic review that is not indexed on PEDro, please click here

searching

search

### SPORTDiscus search



### SPORTDiscus results



# Clinical question

4) What is the evidence for the use of neurodevelopment (NDT) approach in stroke rehabilitation?

### Rehabdata search



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#### NIDRR

NIDRR Home For Officers Only For Current Grantees For Prospective Grantees



Have a question? AskMe live!

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Get NARIC's monthly alerts!

### Re-search: (n) studious inquiry or examination.

More than 70,000 resources are gathered here and made available through an easy-to-use interface. Enter key terms and select the type of resources you need.

Keywords: ndt and stroke rehabilitation

#### About NARIC Databases.

REHABDATA. This database contains approximately 69,000 abstracts of books, reports, articles, and audiovisual materials relating to disability and rehabilitation research. Each abstract includes bibliographic information, a 250-word abstract, and, when appropriate, information regarding the project that produced the document. The index spans research from 1956 to the present. REHABDATA advanced search options.

NIDRR Project Database. NARIC collects data on every project funded by NIDRR in a given fiscal year. Each record includes institutional and contact information, funding data, and an abstract of project goals and activities. The database includes projects funded from 1993 to the present. Program Database advanced search options.

The NARIC Knowledgebase. The Knowledgebase represents 25 years of collecting resources for information and referral. The database includes agencies and organizations, directories, databases, journals and other periodicals, and online resources.

Knowledgebase advanced search options.

### Rehabdata results



Privacy Polic

#### HOME | SEARCH | CONTACT US | ABOUT US | SITEMAP

Total Found for ndt and stroke rehabilitation ("and" ignored): 6.

WWW.NARIC.COM

#### Public.

Find Resources Ask Me NARIC Publications

Researchers Search Databases Search Tools Collection Rehabdata Connection

1 of 6. Effects of problem-oriented willed-movement therapy on motor abilities for people with poststroke cognitive deficits.

Tang, Qing P.; Yang, Qi D.; Wu, Ying H.; Wang, Gai Q.; Huang, Zhi L.; Liu, Zun J.; Huang, Xiao S.; Zhou, Lin; Yang, Pei M.; Fan, Zhen Y... 2005

J49948.

#### NIDRR

NIDRR Home For Officers Only For Current Grantees For Prospective Grantees

Entwinement of theory and practice in physiotherapy: A comparative analysis of two approaches to hemiplegia in physiotherapy.

Lettinga, AT; Siemonsma, PC; van Veen, M. 1999

J37600.

Have a question? Ask / ive

3 of 6.

CONSIDERING THE WHOLE BODY IN THE TREATMENT OF THE HEMIPLEGIC UPPER EXTREMITY. Petkunas, D; Ridgeway, E M.

1998

J34709.

Have a question? AskMe live!

#### Join REHABDATA Connection

Get NARIC's

4 of 6

EFFECTIVE COLLABORATION BETWEEN PHYSICIAN AND OCCUPATIONAL THERAPIST IN THE MANAGEMENT OF UPPER LIMB SPASTICITY AFTER STROKE.

Scanlan, S M; McGuire, J.

1998



2 of 6.

# Myth #4

I have to remember all of this!

### Ask a librarian!

- The JGH Health Sciences Library is staffed with professional librarians who have expertise in the health sciences.
- Try the new Instruction section of our website for online tutorials, or call/email us if you have a question

www.jgh.ca/hsl

# Thank you!

# Acknowledgments

 This presentation was adapted from: Lorie Kloda. Searching the Literature in PT & OT: What Clinicians Need to Know, dated February 2007