Searching the Literature in OT What Clinicians Need to Know

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SMBD Jewish General Hospital Health Sciences Library January 2008

Agenda

8:30	JGH Health Sciences Library Resources McGill Life Sciences Library Resources Remote Access Overview of selected online resources
9:00	Demonstration of selected resources
9:30	Hands-on searching of selected resources
10:10	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)
- 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 will 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

- » Tutorials & learning materials
 - Current awareness
 - Database tutorials
- Finding, managing and evaluating information
- Workshop Presentations
 - Google course

Stat!Ref

UpToDate

InfoPOEMs

igh.ca/hsi

HSL Instruction

e-CPS

EBM Resources @ McGill

Cochrane Library

Searching the physiotheraphy literature

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Patient education

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

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2008 HSL Journal & Additions is now

instruction materials and tutorials

New book arriv

Click



Links to patient information

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Overview of selected online resources

MEDLINE

Available through our library website on the Ovid platform (\$) and at http://pubmed.gov (free to search, \$ for full text).

You can also search it through PICO http://askmedline.nlm.ni
h.gov/ask/pico.php (use PICO when you want to determine the outcome of an intervention or compare two interventions)

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	 Contains journal articles covering the full range of evidence from experimental studies to systematic reviews, with editorials and review articles as well. All life sciences, clinical, research, allied health, and related fields - medicine, nursing, dentistry, rehabilitation sciences, veterinary medicine, health care administration, and preclinical sciences, etc.
Search Options	■Subject headings (MeSH) and subheadings, AND, OR, limit by date, type of publication, age group, etc. ■Keywords, truncation using \$ (Ovid); * (PubMed)

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CINAHL (Cumulative Index to Nursing & Allied Health Literature)

Available through our library website on the EBSCO platform (\$)

Producer	CINAHL Information Systems (Glendale Adventist Medical Centre, CA)
Coverage & Updating	1937- Updated weekly 1750+ journals indexed
Full text	available if subscription to journal is held by McGill
# of references	1 million+
Abstracts	75% of abstracts
Languages	18
Content	 Indexes literature in nursing & allied health (physiotherapy, occupational therapy, etc.). Books, book chapters, conference proceedings, journal articles, websites, consumer health literature, dissertations and theses.
Search Options	 Subject headings (MeSH + CINAHL SH) and subheadings, AND, OR, limits by age group, year of publication, language, review articles, etc. Keyword searching by field, truncation using *

OT Seeker

Available though our website and at: www.otseeker.com

Producer	Universities of Queensland and Western Sydney, Australia
Coverage & Updating	1955 - Updated continuously
Full text	Citation and abstract only- but provides direct link to Pubmed where you can search for the article and access full text
# of references	4300 +
Abstracts	Author's abstracts included if publisher permits
Languages	English
Content	 References to clinical trials and systematic reviews of relevance to occupational therapists from many publications. PEDro score partitioned available for clinical trials – a critical appraisal tool to assist the reader in determining the validity and reliability of the study.
Search Options	Keywords and limits

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

OT resources

Research guides by subject: OT

www.health.library.mcgill.ca/research/sguides/occupationalT.cfm

OT databases

www.health.library.mcgill.ca/research/databases/search.cfm?browse BySubject=Occupational%20Therapy

Myth #3

Databases are difficult to search

Defining the question

Tip #1: One question at a time

Q: What is gliomotosis cerebri, what deficits does this cause, what is the functional impact?

Rephrase into 3 questions:

- 1- What is gliomotosis cerebri? (Important! Look up definition in dictionary not database www.health.library.mcgill.ca/research/ereference
- 2- What is the functional impact of gliomotosis cerebri?
- 3- What deficits does gliomotosis cerebri cause?

 Tip #2: Break each question down into its main concepts

Q: What is the functional impact of gliomotosis cerebri?

- 1- functional impact
- 2- gliomotosis cerebri

- Tip #3: Consider synonyms & alternate spellings
 - functional impact, impact on function, functional assessment (these are all possible keywords)
 - gliomotosis cerebri = gliomatosis cerebri
- It helps to make a list of keywords

Tip #4: start broad and then narrow your search

Q: How effective are nerve blocks for post fracture pain in the treatment of stiff wrists and fingers?

- Start with: how effective are nerve blocks for post fracture pain?
- If you have too many results you can add other concepts:
 - Stiffness
 - Treatment of hands
 - treatment of wrists or treatment of fingers... separately!

- Tip #5: find one good article and use it to find more!
 - Look at how it's indexed- what terms were used?
 These terms can be used to build a better search!
 - Look at the references- see if you can find those articles

Handy resources from McGill

 Common search problems and how to solve them:

www.health.library.mcgill.ca/help/guides/onlinesearch/searchprobs.cfm

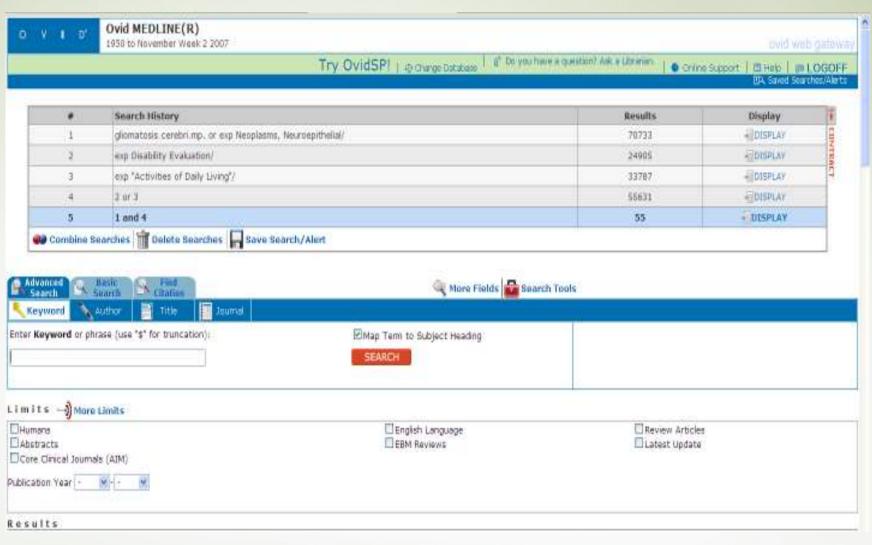
Ten steps to finding papers:

www.health.library.mcgill.ca/help/guides/onlinesearch/tensteps.cfm

Clinical question

1) What is the functional impact of gliomatosis cerebri?

Medline search

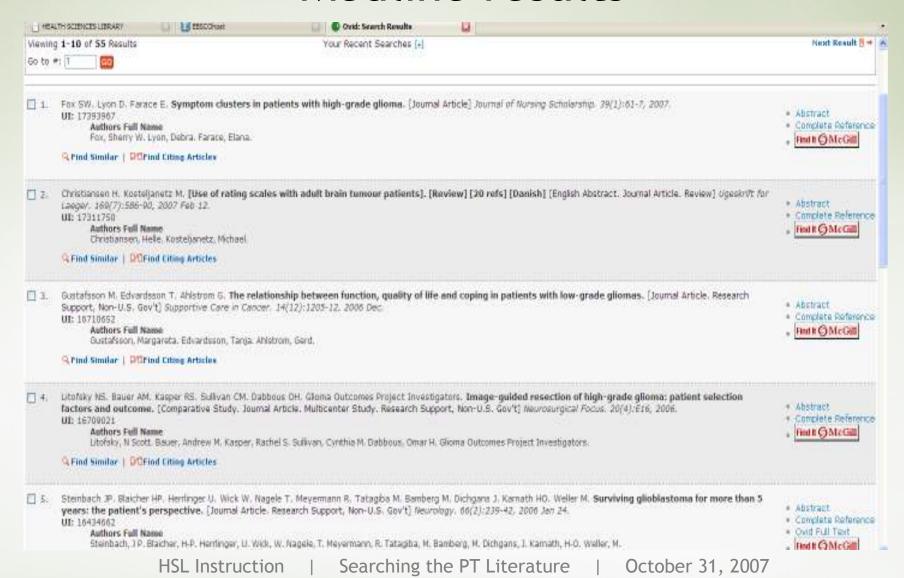


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Medline results



Cinahl search

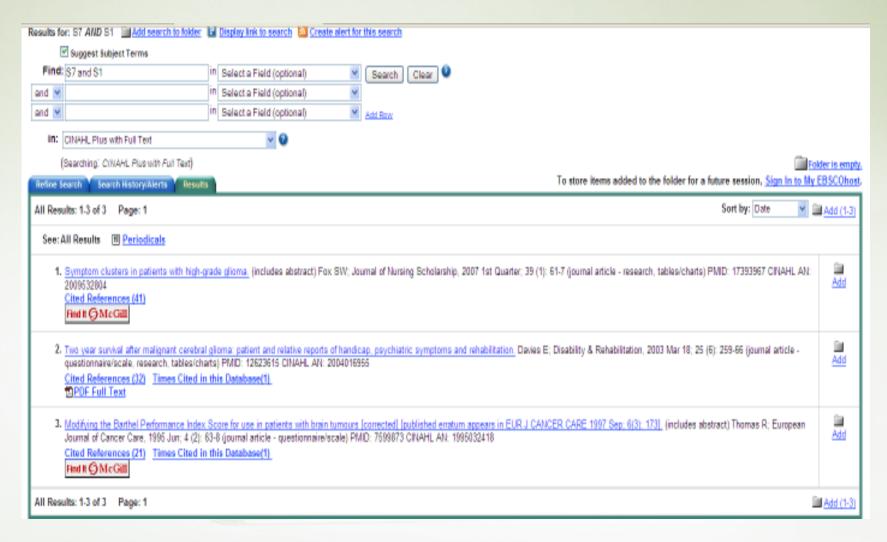
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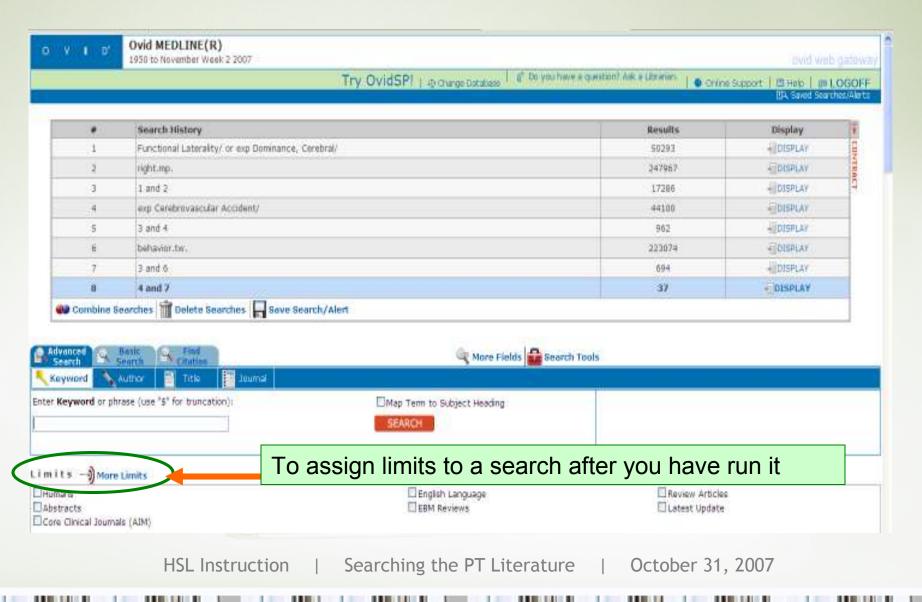
Cinahl results



Clinical question

2) Right brain behavior in stroke

Medline search



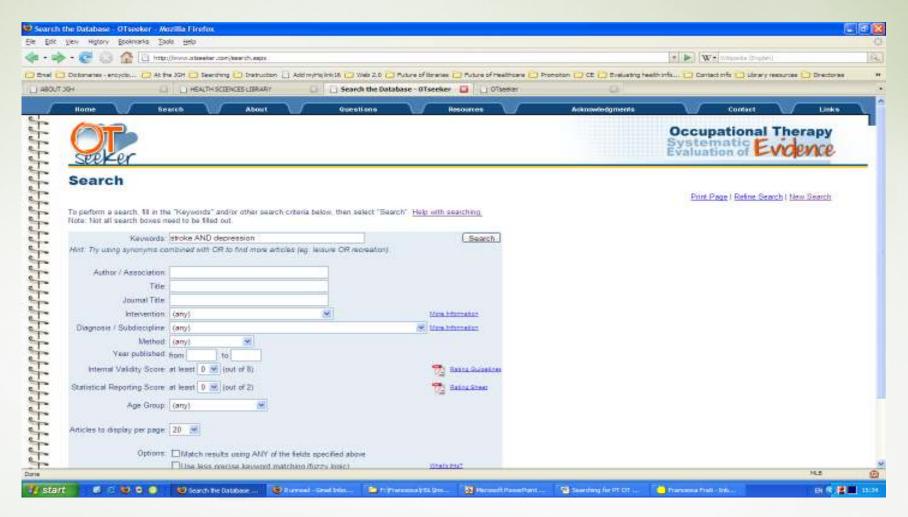
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-	Bossema E. Brand N. Moli F. Ackerstaff R. van Doomen L. Testing the laterality hypothesis after left or right carotid endarterectomy: no ipsilateral effects on neuropsychological functioning. [Journal of Chincal & Experimental Neuropsychology: Official Journal of the International Neuropsychological Society.	* Abstract
□ 5-	O'Shea J. Johansen-Berg H. Trief D. Gobel S. Rushworth NF. Functionally specific reorganization in human premoter cortex.[see comment]. [Journal Article. Research Support. Non-U.S. Gov't] Neuron. S4(3):479-90, 2007 May 3. UI: 17481390 Authors Fell Name O'Shea, Jacksta, Johansen-Berg, Heidi. Trief, Danielle. Gobel, Silke. Rushworth, Matthew F.S. G. Find Similar D'OFind Cities Articles	Abstract Camplete Reference Find II © McCell
□ s.	Corbetta D. Williams J. Snapp-Childs W. Plasticity in the development of handedness: evidence from normal development and early asymmetric brain injury. [Journal Article] Developmental Psychobiology. 49(8):400-71, 2006 Sep. UI: 16803184 Actions Fell Name Corbetta, Darkela, Williams, Noshua, Snapp-Childs, Winona. Q Pind Stilling Articles	Abstract Complete Reference Heat I Mc Gill
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□ 9.	Jordan LC. Hills AE, Aphasia and right hemisphere syndromes in stroke. [Review] [54 refs] (Journal Article. Research Support, N.I.H., Extramural. Review] Current Neurology & Neuroscience Reports. 5(6):458-64, 2005 Nov. 111: 16263057 Authors Fell Name Jordan, Lord Cities, Articles	Abstract Complete Reference Field t McGall

Clinical question

3) Depression in stroke

OT Seeker search



OT Seeker results

	Pr Pr	int Page Refine Ser	ech I New Search
Title	Method	Validity Score (0 - 0)	Statistical Reporting Score (0 - 2)
Controlled trials on the efficacy of occupational therapy with elderly. Part It Evidence for prioritised diseases and disabilities	Bystematic Review	14(A)	H/A
☐ Interventions for treating depression after stroke	Systematic Review	N/A	NA
□ Interventions for preventing depression after stroke	Systematic Review	N/A	THA
Community reintegration after sticke	Systematic Review	N/A	N/A
Home rehabilitation after stroke. Reviewing the scientific evidence on affects and costs	Systematic Raniew	NA	MA
State of the art in genetic rehabilitation. Part Lireview of featily and comprehensive penaltic assessment.	Systematic Review	N/A	NA
State of the art in genetric rehabilitation. Part II. clinical challenges	Systematic Review	N/A	N/A
 A synthesis of the effects of occupational therapy for persons with stroke. Part II. Remediation of impairments 	Systematic Review	N/A	N/A
Training carers of shoke patients: Randomised controlled trial	Clinical Trial	£	2
 Evaluation of a pilot service designed to provide support following stroke: a randomized cross-over design study 	Clinical Trial	6	2
Evaluation of a stroke family care worker results of a randomised controlled trial.	Clinical Trial	5	2
 Physiotherapy for patients with mobility problems more than 1 year after stroke: a randomized controlled trial 	Clinical Trial	6	2
Multicenter randomized controlled trial of an outreach nursing support program for recently discharged stroke patients	Clinical Trial	Đ	2
A randomized trial evaluation of the Oswestry Standing Frame for patients after stroke	Clinical Trial	6	2
 Cognitive behavioral psychotherapy for depression following stroke: a randomized controlled trial 	Clinical Trial	5	2
A randomized controlled trial of an education and counselling intervention for families after stroke	Clinical Trial	5	2
 Home hospitalization senice for acute uncomplicated trahischemic stroke in alderly patients: a randomized trial 	Clinical Trial	5	2
A condemized trial to evaluate an education programme for patients and carers after stroke	Clinical Trial	5	2
The effectiveness of community-based rehabilitation for stroke patients who remain at home: a pilot randomized trial	Clinical Trial	5	2
Early supported discharge of patients with agute stroke, a randomized controlled trial	Clinical Trial	5	2
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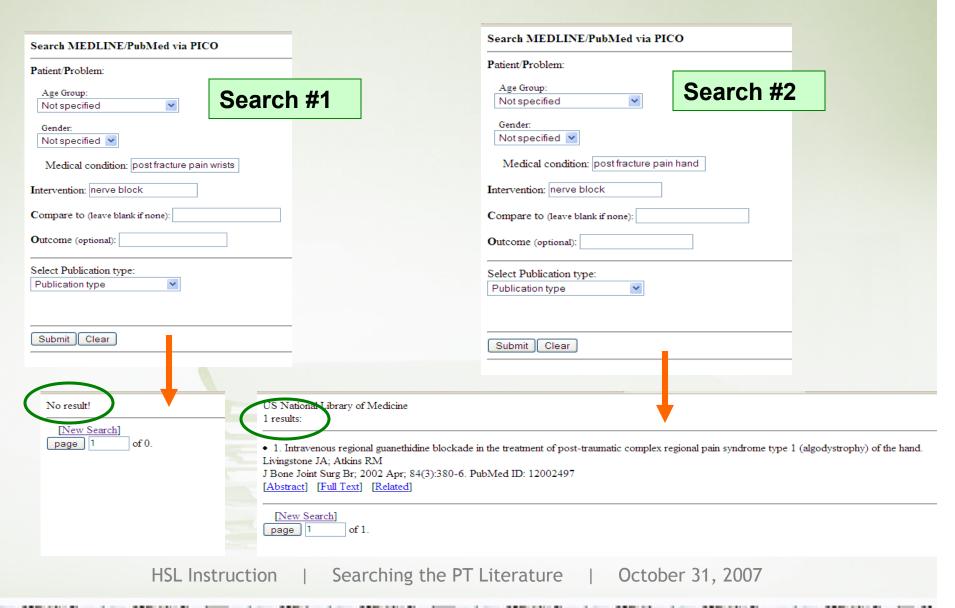
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Clinical question

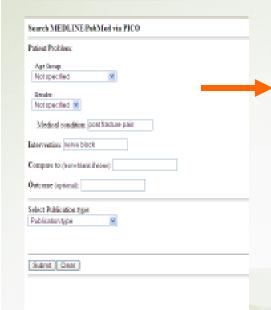
4. How effective are nerve blocks for post fracture pain in the treatment of stiff wrists and fingers?

PICO searches and results



PICO search and results #3

Search #3



US National Library of Medicine 12 results:

1. Single fascia iliaca compartment block for post-hip fracture pain relief.

Monzon DG; Iserson KV; Vazquez JA

J Emerg Med; 2007 Apr; 32(3):257-62. PubMed ID: 17394987

[Abstract] [Full Text] [Related]

• 2. Intravenous regional guanethidine blockade in the treatment of post-traumatic complex regional pain syndrome type 1 (algodystrophy) of the hand. Livingstone JA; Atkins RM

J Bone Joint Surg Br; 2002 Apr; 84(3):380-6. PubMed ID: 12002497

[Abstract] [Full Text] [Related]

3. Nerve blocks (subcostal, lateral cutaneous, femoral, triple, psoas) for hip fractures.

Parker MJ; Griffiths R; Appadu BN

Cochrane Database Syst Rev; 2002; (1):CD001159. PubMed ID: 11869594

[Abstract] [Full Text] [Related]

4. Nerve blocks (subcostal, lateral cutaneous, femoral, triple, psoas) for hip fractures.

Parker MJ; Griffiths R; Appadu BN

Cochrane Database Syst Rev; 2001; (2):CD001159. PubMed ID: 11405976

[Abstract] [Full Text] [Related]

5. Nerve blocks (subcostal, lateral cutaneous, femoral, triple, psoas) for hip fractures.

Parker MJ; Griffiths R; Appadu BN

Cochrane Database Syst Rev; 2001; (1):CD001159. PubMed ID: 11279708

[Abstract] [Full Text] [Related]

6. [Anesthetic management of the elderly patients with femoral neck fracture by sevoflurane and femoral nerve block]

Fujimoto T; Meguro K; Hase K; Nagatsuka C; Kasahara M

Masui; 2000 Jun; 49(6):630-3. PubMed ID: 10885241

[Abstract] [Full Text] [Related]

7. The 'three in one' block as locoregional analgesia in an emergency department.

Van Leeuwen FL; Bronselaer K; Gilles M; Sabbe MB; Delooz HH

Fur I Emerg Med: 2000 Mar: 7(1):35-8 PubMed ID: 10839377

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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
- And from: Arlene Greenberg & Francesca Frati.
 Searching the literature in PT, dated October 30 2007.