



EUROPEAN BOARD OF
PHYSICAL & REHABILITATION MEDICINE

EDUCATION IN PRM
USEFUL RESOURCES III

MARCH 2010

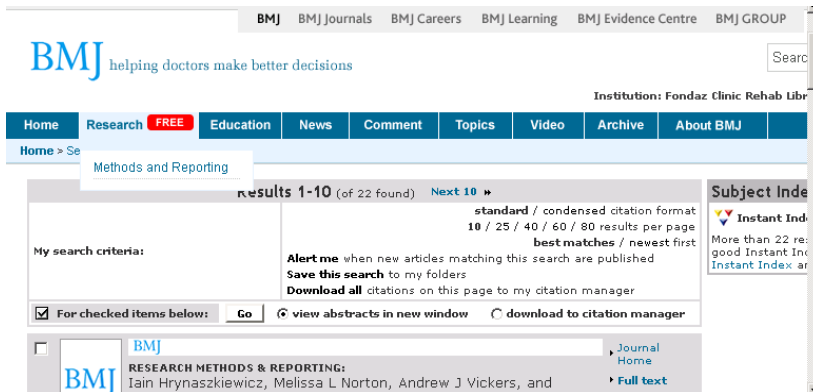
EDUCATION & EVIDENCE-BASED MEDICINE

1. Evidence-Based Approach to the Medical Literature

A paper by R.H. Fletcher & S.W. Fletcher published in J Gen Intern Med. 1997 April; 12(S2): S5-S14.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1497222/>

2. British Medical Journal – Research & Education



You will find there a series of papers dedicated to 'Research methods & reporting', published in British Medical Journal

http://www.bmj.com/cgi/search?tocsectionid=Research%20Methods*

Some recent titles:

Meta-analysis of individual participant data: rationale, conduct, and reporting

Preparing raw clinical data for publication: guidance for journal editors, authors, and peer reviewers

Multiple imputation for missing data in epidemiological and clinical research: potential and pitfalls

Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement

Prognosis and prognostic research: what, why, and how?

Publication guidelines for quality improvement studies in health care: evolution of the SQUIRE project

Improving the reporting of pragmatic trials: an extension of the CONSORT statement

Please have a look also at the part "Education", where you will find interesting clinical cases: <http://www.bmj.com/channels/education.dtl>

3. Royal College of Physicians (RCP, UK) and British Society of Rehabilitation Medicine (BSRM)

In the website of RCP (Specialty: Rehabilitation Medicine) and in that of BSRM you can find a series of selected PRM publications.



<http://www.rcplondon.ac.uk/pubs/Specialty.aspx>



The screenshot shows the BSRM Publications page. At the top, there is a navigation bar with 'Home', 'Site Map', and 'Feedback Form'. Below this is a table of published reports. The table has three columns: 'BSRM Published Reports', 'Date', and 'Price'. The reports listed are:

BSRM Published Reports	Date	Price
Long-term neurological conditions: management at the interface between neurology, rehabilitation and palliative care ISBN 978-1-88016-330-2	Mar 2008	£10.00
Chronic spinal cord injury: management of patients in acute hospital settings: National Guidelines ISBN 978-1-88016-324-1	Feb 2008	£9.00
Rehabilitation Medicine: The National Position in 2007 ISBN Number: 0-9540879-7-6	May 2007	

<http://www.bsrn.co.uk/Publications/Publications.htm>

4.



Enhancing the Quality and Transparency of health Research

The resource centre for good reporting of health research studies. The EQUATOR Network is an international initiative that seeks to improve reliability and value of medical research literature by promoting transparent and accurate reporting of research studies. It contains reporting guidelines, information for authors of research reports, resources for journal editors and peer reviewers, etc.

<http://www.equator-network.org/>



The screenshot shows the EQUATOR Network website. The main heading is 'Library for health research reporting'. Below this, it states 'The EQUATOR Network library currently contains:' followed by a list of resources:

- An [introduction to reporting guidelines](#)
- Comprehensive lists of the available reporting guidelines, listed by study type:
 - [Experimental studies](#)
 - [Observational studies](#)
 - [Diagnostic accuracy studies](#)
 - [Systematic reviews](#)
 - [Qualitative research](#)
 - [Economic evaluations](#)
 - [Quality improvement studies](#)
 - [Other reporting guidelines](#)
 - [Sections of research reports](#)
 - [Specific conditions or procedures](#)
- [Reporting guidelines under development](#)
- [Guidance on scientific writing](#)
- [Guidance developed by editorial groups](#)
- [Medical writers - additional resources](#)
- [Research ethics, publication ethics](#)
- [Medical writers - additional resources](#)

On the right side, there is a section titled 'Download the most frequently-used reporting guidelines:' with a list of links:

- [CONSORT checklist](#)
- [CONSORT flowchart](#)
- [CONSORT extensions](#)
- [STARD checklist & flowchart](#)
- [STROBE checklists](#)
- [PRISMA checklist](#)
- [PRISMA flow diagram](#)

BOOKS

1.



The **International Encyclopedia of Rehabilitation** is a collaborative effort from the Center for International Rehabilitation Research Information and Exchange (CIRRIE), at the University at Buffalo, SUNY, and the Laboratoire d'informatique et de terminologie de la réadaptation et de l'intégration sociale (LITRIS), from the Institut de réadaptation en déficience physique de Québec (IRDPQ). On its completion, the encyclopedia will include four hundred articles on rehabilitation and disability topics identified through terms found in the CIRRIE and REHABDATA Thesauri, the World Health Organization's International Classification of Functioning, Disability and Health (ICF) and the International Index and Dictionary of Rehabilitation and Social Integration (IIDRIS).
<http://cirrie.buffalo.edu/encyclopedia/index.php?language=en>

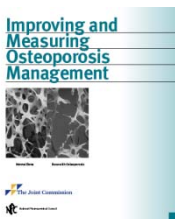
Table of Contents

| A | B | C | D | E | F | H | I | K | L | M | N | O | P | R | S | T | U | V |

A

- [Activities of Daily Living \(PDF\)](#)
- [Adult Education and Intellectual and Allied Developmental Disabilities \(PDF\)](#)
- [Amnesia \(PDF\)](#)
- [Aphasia \(PDF\)](#)
- [Art Therapy in Rehabilitation \(PDF\)](#)
- [Arthritis Assessment \(PDF\)](#)
- [Assistive Product Selection Focusing on the Person, Milieu and Product \(PDF\)](#)
- [Ataxia: Physical Therapy and Rehabilitation Applications for Ataxic Patients \(PDF\)](#)

2.



Improving and measuring osteoporosis management (2008)

A monograph developed by The Joint Commission, under an unrestricted educational grant from the US National Pharmaceutical Council

http://www.jointcommission.org/NR/rdonlyres/55D65E39-4737-4A7E-AD38-6B1BFDD2F478/0/OsteoMono_REVFinal_31208.pdf

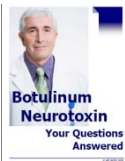
3.



Musculoskeletal Disorders and the Workplace: Low Back and Upper Extremities - Institute of Medicine (IOM) (2001)

<http://www.nap.edu/openbook.php?isbn=0309072840>

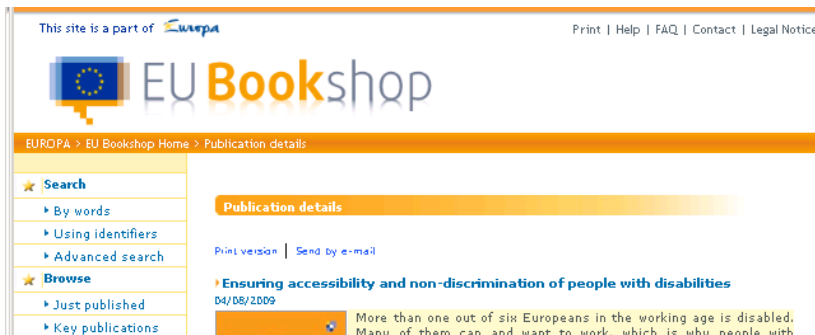
4.



The website WE MOVE <http://www.wemove.org/> is the Internet's most comprehensive resource for **movement disorder** information. It contains – among others – clinical information, educational material, CME courses (at MDVU – Movement Disorder Virtual University <http://www.mdvu.org/classrooms/cme/>), etc.

5. European Union – Documentation centre

At http://europa.eu/documentation/index_en.htm there are links to EU documents, from legal texts to historical records, the latest EU-wide surveys and opinion polls. You can also order publications from the EU Bookshop.



EU Bookshop – NB – Look at <http://bookshop.europa.eu/> for choosing a language and then browse. You will find, as an example, the book in the above window “Ensuring accessibility and non-discrimination of people with disabilities”: http://bookshop.europa.eu/is-bin/INTERSHOP.enfinity/WFS/EU-Bookshop-Site/en_GB/-/EUR/ViewPublication-Start?PublicationKey=KE7809651 We suggest you to visit also the webpage of the European Commission “Employment, Social Affairs and Equal Opportunities” <http://ec.europa.eu/social/home.jsp?langId=en> where you can find material regarding mobility, employment and rights of people with disabilities, social security rights, etc. (including the Mutual Information System on Social protection, MISSOC http://europa.eu/legislation_summaries/employment_and_social_policy/social_protection/cl0606_en.htm)

6.



In the website ‘Free books4Doctors’ you find three books in the topic ‘Rehabilitation’, we already recommended in our previous newsletters:

– Wainapel, Stanley F.; Fast, Avital, editors [Alternative Medicine and Rehabilitation](#)

A Guide for Practitioners 2003 – Demos Medical Publishing

– [Physical Medicine and Rehabilitation](#) 2009 – eMedicine

– Sara J. Cuccurullo (Editor) [Physical Medicine and Rehabilitation Board Review](#) 2004 – Demos Medical Publishing, 848 pp

<http://www.fb4d.com/fb/REHAB.HTM>

OTHER USEFUL LINKS

1.



The **European Platform for Rehabilitation (EPR)** is a network of leading European providers of rehabilitation services to people with disabilities and other disadvantaged groups.

<http://www.epr.eu/>

2.



The **Association for the Advancement of Assistive Technology in Europe (AAATE)** is the interdisciplinary pan-European association devoted to all aspects of assistive technology, such as use, research, development, manufacture, supply, provision and policy.

<http://www.aaate.net/index.asp?auto-redirect=true&accept-initial-profile=standard>

3.



Best Evidence Topics (BETs) and Critically Appraised Topics (CATs) in Physiotherapy

<http://www.bestbets.org/database/browse-by-topic.php?CategoryID=354>

4.



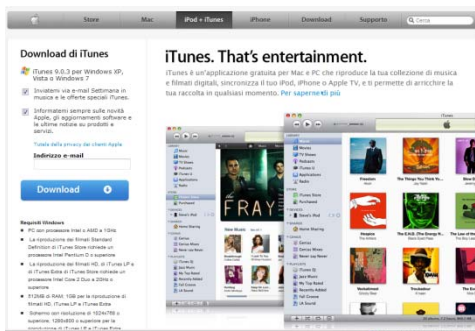
The International Center for Disability Resources on the Internet

<http://www.icdri.org/> and
<http://www.icdri.org/Education/>

5. iTunes - University

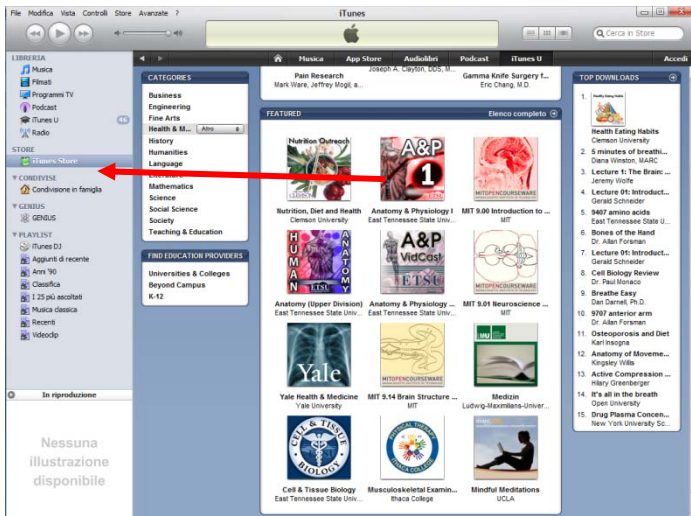
Step 1 - Download iTunes!

<http://www.apple.com/downloads/>

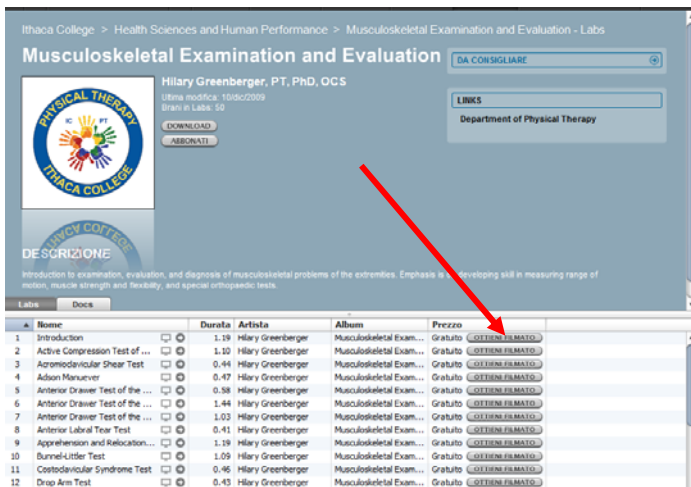


Step 2 - Click: a) iTunes Store; then b) iTunes U store (at the end of the page; U=University); then c) Category "Health & Medicine"

<http://www.apple.com/education/itunes-u/>



Step 3- Browse. For example, you can find and download videos on "Musculoskeletal examination and evaluation" (test by test), "Spinal examination and rehabilitation", "Strength and conditioning", etc.



6. Outcome measures – databases

a.



Developed by Mapi Research Institute and managed by Mapi Research Trust (Lyon, France), ProQolid aims to identify and describe PRO and QOL instruments to help you choose appropriate instruments and facilitate your access to them.

http://www.proqolid.org/proqolid/search_1/pathology_disease?pty=1925

b.



<http://www.outcomesdatabase.org/show/category/id/14>

c.



<http://www.csp.org.uk/director/members/practice/clinicalresources/outcomemeasures/searchabledatabase.cfm>

d.

Patient-Reported Outcomes Measurement

<http://phi.uhce.ox.ac.uk/instruments.php>

e.



<http://www.strokecenter.org/Trials/scales/index.htm> (stroke)

f.



<http://www.orthoscores.com/> (orthopaedics)

g.



<http://www.mdvu.org/library/ratingscales/> (movement disorders)

7.

EU-EBM (Evidence Based Medicine) Courses



Evidence-based medicine courses

The EU EBM Unity project (funded by Leonardo da Vinci national agency), aims to develop a European Qualification in Evidence Based Medicine (EBM) that will improve the relevance and quality of medical training in Europe, and enable doctors to easily integrate into the healthcare systems of other member states. Please look at: <http://ebm-unity.pc.unicatt.it/>

About this topic, read also:

Kulier R, Coppus SF, Zamora J, Hadley J, Malick S, Das K, Weinbrenner S, et al. [The effectiveness of a clinically integrated e-learning course in evidence-based medicine: a cluster randomised controlled trial.](#) BMC Med Educ. 2009 May 12;9:21.

Kulier R, Hadley J, Weinbrenner S, Meyerrose B, Decsi T, Horvath AR, Nagy E, et al. [Harmonising evidence-based medicine teaching: a study of the outcomes of e-learning in five European countries.](#) BMC Med Educ. 2008 Apr 29;8:27.

and - more generally - visit:



BMC Medical Education is an open access journal publishing original peer-reviewed research articles in relation to the training of healthcare professionals, including undergraduate, postgraduate, and continuing education.

<http://www.biomedcentral.com/bmcmededuc>

8.



Euro-Mediterranean PRM School "Haim Ring" (Syracuse, I)

Here you can download the slide presentations of the lessons held in the 2009 edition

http://www.prmschool.com/index.php?option=com_content&view=article&id=46&Itemid=62&lang=it

1. [EBM physical therapies in LBP](#) - F. Gimigliano
2. [Spinal Surgery](#) - A. Montanaro
3. [Technology for people with spinal cord injury](#) - C. Marincek
4. [Outcome LBP](#) - F. Franchignoni
5. [Ergonomics LBP](#) - F. Franchignoni
6. [ICF](#) - M. Zampolini
7. [ICF General Introduction](#) - A. Giustini
8. [V1 ICF in Practice](#) - G. Stucki
9. [Vibration Energy](#) - C. Foti
10. [Physiopathology of the spine](#) - G. Akyuz
11. [Degenerative diseases of the spine](#) - A. Politi