

MODEL LIST FOR PRACTICAL RESOURCES FOR EBD

More and more emphasis is placed on evidence-based dentistry (EBD) and its implementation to daily practice each day. FDI - European Regional Organization (ERO) 'WG Relation Between Dental Practitioner and Universities' developed this brief 'Model List' only to assist dental practitioners who wish to update and/or improve their knowledge and awareness in the field of EBD in finding practical information (basic and advanced) regarding several aspects of EBD such as:

- What is EBD?
- What are the basic elements of good quality evidence?
- What are the simple and effective ways of implementation of EBD into practice?
- What is new in EBD?
- How to be updated in EBD?

Without doubt this is only a short 'model' list developed from among the numerous available resources regarding EBD. There surely is no limit for the dental practitioner to make his/her own search and make benefit of other resources which is not a part of this 'Model List', and this is even encouraged by the WG.

Brief information about the 'Model List'

- There are five main categories entitled “What is EBD?” “How to reach up to date evidence on EBD?” “Books about EBD” ‘National Dental Associations web-sites containing EBD-related material” and “Medical resources complementary to dentistry”. Each specific category has a different colour-code.
- **Green:** First one of these categories is “What is EBD?” This category includes review articles and e-books – especially for beginners or for the colleagues who search for some basic resources giving detailed and general information about the EBD.
- **Orange:** “How to reach up to date evidence on EBD?” is the second category (colored as orange), providing web site addresses to reach resources for implementation of EBD to practice.
- **Blue:** In the third category, some book resources for EBD are listed.
- **Purple:** In the fourth category, information about National Dental Associations’ web sites providing knowledge and resources about EBD is summarized.
- **Red:** In the last category medical resources-complementary to dentistry are listed.

We are hoping that this model list may serve our colleagues throughout the ERO zone for the above-mentioned purposes.

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'WG Relation Between Dental Practitioner and Universities'
FDI-European Regional Organization

I. WHAT IS EVIDENCE -BASED DENTISTRY?

#	TITLE of RESOURCE	TYPE of RESOURCE	AVAILABILITY	BRIEF SUMMARY, NOTES & RECOMMENDATIONS (free access, membership needed, fee)	CONTENT
		(Book, web site, statement, review article, periodic journal, etc..)	web site address, etc.	(How can this resource be used by the dental practitioner)	(Case studies, level of evidence, implementation of EBD to practice)
1	The Basics of Evidence Based Dentistry. Elliot Abt.	review article	http://www.ada.org/sections/scienceAndResearch/pdfs/2_Abt.pdf	especially or beginners	<ul style="list-style-type: none"> • Evidence-based dentistry vs. traditional approach to decisions and clinical examples • Step by step evidence based decision making protocol <ul style="list-style-type: none"> • Hierarchy of evidence • Problems with published research
2	What is evidence based dentistry? Goldstein GR.	review article	Dent Clin North Am. 2002 Jan;46(1):1-9, v.	especially or beginners	<ul style="list-style-type: none"> • Definition and benefits of evidence based dentistry • Step by step evidence based decision making protocol <ul style="list-style-type: none"> • Guidelines for evaluation of the published research

3	Evidence-based Dentistry: Part VI. Critical Appraisal of the Dental Literature: Papers About Diagnosis, Etiology and Prognosis. Sutherland SS.	review article	J Can Dent Assoc. 2001 Nov;67(10):582-5.	especially or beginners	<ul style="list-style-type: none"> • The concept of critical appraisal and evidence based dentistry • Evaluation of the published documents whether a research study is both believable and useful • Guidelines for evaluation of the published research about diagnostic tests, causation or prognosis
4	Application of evidence-based dentistry: from research to clinical periodontal practice. Kwok V, Caton JG, Polson AM, Hunter PG.	review article	Periodontology 2000; Volume 59, Issue 1, pages 61–74, June 2012	especially or beginners	<ul style="list-style-type: none"> • Definition and benefits of applying the evidence-based method in clinical practice • Developing a preset question (population, intervention, comparison and outcome; PICO) and search protocol • Describes how clinicians can incorporate evidence-based methods into patient care • Presents a clinical example to illustrate the evaluation process
5	e-viDENT 2013	e-book	http://www.sti-bid-web.de	especially or beginners	<ul style="list-style-type: none"> • Introduction to EBD
6	Evidence based medicine: what it is and what it isn't. Sackett DL, Rosenberg WM, Gray JA, Haynes RB, Richardson WS.	review article	British Medical Journal 1996 Jan 13;312(7023):71-2.	especially or beginners	<ul style="list-style-type: none"> • Definition of evidence based medicine • Extent of evidence based medicine
7	Applying evidence based dentistry to your patients. Anderson JD.	review article	Dent Clin North Am. 2002 Jan;46(1):157-64.	especially or beginners	<ul style="list-style-type: none"> • Specific applications of evidence based dentistry to clinical practice • Role of evidence based dentistry on diagnostic tests, prognosis and therapy

8	Evidence based dentistry: Design architecture Review Article. Hayes C.	review article	Dent Clin North Am. 2002 Jan;46(1):51-59.	Gives detailed information about study types.	<ul style="list-style-type: none"> • Role of published papers on clinical decision making process • Assessment of causalty, chance, bias, and confounding for a published data
9	The Benefits of Evidence-Based Dentistry for the Private Dental Office . Gillette J, Matthews JD, Frantsve-Hawley J, Weyant RJ.	review article	Dent Clin North Am. 2002 Jan;53(1):33-45.	especially or beginners	<ul style="list-style-type: none"> • History of evidence-based dentistry • Evidence-based dentistry and dental education • Benefits of evidence based dentistry for the practicing dentist
10	Questions and answers in Evidence-based Dentistry Volume 14. Richards D.	review article	Evid Based Dent. 2013 Dec;14(4):122-6. doi: 10.1038/sj.ebd.6400975.	especially for dental clinicians	Guidelines, questions and answers addressed by summaries in Evidence-based Dentistry

II. HOW TO REACH UP TO DATE EVIDENCE ON EBD?

#	TITLE of RESOURCE	TYPE of RESOURCE	AVAILABILITY	BRIEF SUMMARY, NOTES & RECOMMENDATIONS (free access, membership needed, fee)	CONTENT
		(Book, web site, statement, review article, periodic journal, etc..)	web site address, etc.	(How can this resource be used by the dental practitioner)	(Case studies, level of evidence, implementation of EBD to practice)

1	Cochrane Database	Web site	www.thecochranelibrary.com	The Cochrane Library is a collection of six databases that contain different types of high-quality, independent evidence to inform healthcare decision-making, and a seventh database that provides information about groups in The Cochrane Collaboration. Search is free. For reaching journal articles membership needed.	Network of individuals and institutions committed to preparing, maintaining, and disseminating systematic reviews of the effects of health care
2	American Dental Association Centre for Evidence-Based Dentistry (ADA Center for EBD)	Web site	ebd.ada.org	A practical resource for scientific evidence. They provide systematically assessed evidence as tools and resources to support your clinical decisions. Search is free. For reaching journal articles membership needed.	<p>Systematic Reviews & Summaries A database of studies on dental and oral health topics along with concise, user-friendly summaries</p> <p>ADA Clinical Recommendations Tools that provide guidance and assist you with clinical decision making</p> <p>Resources Additional support for evidence-based practice</p>
3	Centre of Evidence-Based Medicine (CEBM)	Web site	www.cebm.net	CEBM aims to develop, teach and promote evidence-based health care through conferences, workshops and EBM tools so that all health care professionals can maintain the highest standards of medicine.	They offer a range of courses to clinicians and other healthcare professionals seeking to develop their EBM skills.

4	The Database of Abstracts of Reviews of Effectiveness (DARE)	Web site	www.crd.york.ac.uk/crdweb	Search is free.	<p>DARE (Database of Abstracts of Reviews of Effects) is focused primarily on systematic reviews that evaluate the effects of health care interventions and the delivery and organization of health services.</p> <p>The database also includes reviews of the wider determinants of health such as housing, transport, and social care where these impact directly on health, or have the potential to impact on health.</p>
5	Pubmed Clinical Queries	Web site	www.ncbi.nlm.nih.gov/pubmed	Search is free.	<p>PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.</p> <p>Also with new PubMed Commons system, researchers can comment on any publication indexed by PubMed, and read the comments of others</p>
6	Trip Database	Web site	www.tripdatabase.com	Search is free.	<p>Trip is a clinical search engine designed to allow users to quickly and easily find and use high-quality research evidence to support their practice and/or care. As well as research evidence, allow clinicians to search across other content types including images, videos, patient information leaflets, educational courses and news.</p>

7	SUMsearch	Web site	www.sumsearch.org	Search is free.	SUMSearch simultaneously searches for original studies, systematic reviews, and practice guidelines from multiple sources. Searches for studies are revised up to 6 times as needed, while guidelines and systematic reviews may be revised once each. Results from PubMed, Dare, and NGC are merged and sorted.
8	OVID EBMR (Evidence-based Medicine Reviews)	Web site	www.ovid.com. (From the home page you should follow: Medicine >Clinical Medicine > Evidence - Based Medicine >Evidence - Based Medicine Reviews)	A definitive resource for electronic information in the evidence based medicine (EBM) movement that combines 7 of the most trusted EBM resources into a single, fully-searchable database. Search is free.	<p>Topic Reviews</p> <p>Cochrane Database of Systematic Reviews - produced by Cochrane The Database of Abstracts of Reviews of Effectiveness (DARE) Health Technology Assessments (HTA) - NHS Centre for Reviews and Dissemination (CRD) NHS Economic Evaluation Database (NHSEED) - NHS Centre for Reviews and Dissemination (CRD)</p> <p>Article Reviews</p> <p>ACP Journal Club - American College of Physicians Definitive Controlled Trials</p> <p>Methodology Reviews</p> <p>Cochrane Methodology Register (CMR)</p>
9	NHS Evidence	Web site	https://www.evidence.nhs.uk	Generally membership needed.	NICE Evidence Services are a suite of services that provide internet access to high quality authoritative evidence and best practice. The services cover health, social care and public health evidence. Evidence Services aim to help professionals make better and quicker evidence based decisions.

10	Essential Evidence Plus	Web site	www.essentialevidenceplus.com	Essential Evidence Plus is the only evidence-based, point-of-care clinical decision support system that gives you access to over 13,000 topics, guidelines, abstracts, and summaries	Provides guidelines, abstracts, and summaries
11	EviDents	Web site	www.evidents.org	EviDents is collaboration between EviDents.com, SUMsearch and the Forsyth Institute Center for Evidence-Based Dentistry. The search strategies are based on original research of the Center for Evidence-Based Dentistry	Search strategies that are based on original research of the Center for Evidence-Based Dentistry
12	Clinical Evidence	Web site	www.clinicalevidence.com	Clinical Evidence comprises an international database of high-quality, rigorously developed systematic overviews assessing the benefits and harms of treatments, and a suite of EBM resources and training materials.	Learn, teach, and practise evidence-based medicine A suite of tools and resources to help you make EBM integral to your work and professional development, whether you want to learn more, teach others, or apply EBM principles to improve the health of your patients.

The Centre for Evidence-Based Dentistry

Web site

www.cebd.org

The Centre for Evidence-based Dentistry, established in 1995, is an independent body whose aim is to promote the teaching, learning, practice and evaluation of evidence-based dentistry worldwide. The Centre is the Editorial base for the Evidence-based Dentistry Journal and is one of the members of the Virtual Centre for Improving Oral Health.

The Centre promotes the teaching, learning, practice and evaluation of Evidence-based Dentistry by:

- Fostering a spirit of enquiry within the dental team
- Encouraging and enable the dental profession to make clinical decisions based on the best available evidence
- Enabling the dental team to find valid and up to date evidence on which to base treatment decisions
- Assisting in the development of better methods of disseminating quality evidence
- Encouraging the development of Evidence-based professional and clinical standards and an Evidence-based approach to clinical audit
- Facilitating Evidence-based continuing professional development (CPD) involving the whole dental team
- Improving the public profile of the dental profession by moving towards Evidence-based practice
- Assisting in the production of clear Evidence-based patient information on dental treatments and procedures
- Enabling Evidence-based purchasing of materials and equipment.

14	Evidence - Based Dentistry	Journal	http://www.nature.com/ebd/index.html	Membership needed	Evidence-Based Dentistry delivers the available evidence on the developments in oral health. The Journal, evaluates the evidence and provide guidance concerning the value of the author's conclusions. Original papers and relevant publications are condensed into digestible summaries, drawing attention to the current methods and findings.
15	Journal of Evidence-Based Dental Practice	Journal	www.jebdp.com/	Membership needed	The Journal of Evidence-Based Dental Practice presents timely original articles, as well as reviews of articles on the results and outcomes of clinical procedures and treatment. The journal provides author benefits, such as free PDFs, special discounts on Elsevier publications.
16	Evidence - Based Medicine	Journal	http://ebm.bmj.com	Membership needed	Evidence-Based Medicine systematically searches international medical journals applying strict criteria for the validity of research. EBM publishes articles relevant to the study and practice of evidence-based medicine.
17	Journal of Evidence Based Medicine	Journal	http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1756-5391	Membership needed	Journal of Evidence-Based Medicine (JEBM) is the official journal of the Chinese Cochrane Centre, part of the international Cochrane Collaboration which is the world's largest organization dedicated to preparing and maintaining systematic reviews to help people make well informed decisions about healthcare interventions. The Chinese Cochrane Centre and the Cochrane Collaboration more widely are dedicated to providing up-to-date and accurate information about the effects of healthcare.

18	<p>Evidence-Based Practice <i>U.S. Agency for Healthcare Research & Quality</i></p>	Web site	www.nyam.org	<p>Provide scientific reviews, evidence reports, evidence-based practice centers, conferences and evidence-based methodology.</p>	<p>Links to scientific reviews, evidence reports, evidence-based practice centers, conferences and evidence-based methodology.</p>
19	<p>Clinical Practice Guidelines Archive <i>U.S. Agency for Healthcare Research and Quality</i></p>	Web site	www.ahrq.gov/clinic/cpgarchv.htm	<p>Clinical Practice Guidelines, Quick Reference Guides for Clinicians, and Consumer Versions</p>	<p>Consists of a series of 19 Clinical Practice Guidelines. Each guideline has several versions</p>

20	CPG Infobase Clinical Practice Guidelines <i>Canadian Medical Association</i>	Web site	http://mdm.ca/cpgsnew/cpgs/index.asp	A database of guidelines produced or endorsed in Canada by a national, provincial/territorial or regional medical or health organization, professional society, government agency or expert panel	Consists of a database of guidelines.
21	Bandolier Knowledge Library <i>Pain Research at Oxford University</i>	Web site	www.jr2.ox.ac.uk/bandolier/	Bandolier searches and abstracts systematic reviews of treatments, evidence about diagnosis, epidemiology or health economics	Collection of evidence under a variety of different health topics

22	McMaster Online Rating of Evidence (MORE)	Web site	http://hiru.mcmaster.ca/more/	A system to help define the best research to support evidence based clinical practice, tailored to the individual interests of clinicians	A system to help define the best research to support evidence based clinical practice, tailored to the individual interests of clinicians
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III. BOOKS FOR EBD

#	TITLE of RESOURCE	TYPE of RESOURCE	AVAILABILITY	BRIEF SUMMARY, NOTES & RECOMMENDATIONS (free access, membership needed, fee)	CONTENT
		(Book, web site, statement, review article, periodic journal, etc..)	web site address, etc.	(How can this resource be used by the dental practitioner)	(Case studies, level of evidence, implementation of EBD to practice)
1	e-viDENT 2013	e-book	http://www.sti-bid-web.de	<p>The e-viDENT project - an international collaboration of 4 European Universities: Gazi University Ankara, Turkey; Steinbeis University Berlin, Germany; KU Leuven, Belgium; Helsinki University, Finland.</p> <p>The main objective of the project was to raise awareness of “evidence based dentistry” among dental practitioners by developing an educational tool</p>	<ul style="list-style-type: none"> • Introduction to EBD • Finding evidence on the web • EBD clinical guidelines • Examples of EBD in daily practice

2	Evidence-Based Practice: Toward Optimizing Clinical Outcomes: Toward Optimizing Clinical Outcomes	Book	http://confessedtravelholic.com/doc/download-ebook-Evidence-Based-Practice-Toward-Optimizing-Clinical-Outcomes-pdf-library-354873.html	<p>This book presented a state-of-the-art compilation of chapters by several experts in the field of research synthesis and evidence-based decision making in the clinical setting. This collection of work, taken together, not only sets the present state of knowledge in the field, but also points to <i>lacunae</i>, which will be addressed and resolved in the next one or two decades.</p> <p>Edited by Francesco Chiappelli. Springer- Verlag Berlin Heidelberg 2010.</p>	<p>Health care is witnessing an explosion of fundamental, clinical and translational research evidence. The emerging paradigm of evidence-based health care rests on the judicious integration of the patient needs/wants, the provider's expertise, and the best available research evidence in the treatment plan. The purpose of this book is to discuss the promise and the limitations of incorporating the best available evidence in clinical practice. It seeks to characterize and define how best available research evidence can be used in clinical practice and to what respect it applies to current public health issues.</p>
3	Evidence Based Periodontology: A Review	Book	http://www.amazon.com/Evidence-Based-Periodontology-A-Review/dp/3659173118	<p>The purpose of this book is to allow periodontists to gain confidence in their own ability to assess research reports and overcome the misconception.</p> <p>Mishal Shah, Sheela Kumar Gujjari. LAP Lambert Academic Publishing, 2012</p>	<p>Attitudes have changed dramatically over the last few years. Both patients and practitioners want to know more about the treatments given and the agents that put them at risk of disease. Will a treatment work? Is this the best available treatment? Can anything be done to prevent a particular disease? The ability to answer these questions is inherently dependent upon the ability to read and interpret the dental literature. This is why it has become increasingly important for students and practitioners to be proficient in the area of evidence based dentistry and critical appraisal.</p>
4	Evidence-Based Orthodontics	Book	http://onlinelibrary.wiley.com/book/10.1002/9781118688489	<p>This book satisfies the educational demands of orthodontics, which demands the integration of the best research evidence with the clinician's expertise and the patient's unique values and circumstances.</p> <p><i>Evidence-Based Orthodontics</i> provides its readers with a cogent, clear resource</p>	<p>This land-mark text is the first to be devoted to the methodology, principles and practice of evidence-based practice in orthodontics. It aims to serve as a reference for those wishing to understand the principles of evidence-based practice including the foundation for clinical study design, epidemiology and the statistical</p>

			<p>with which to navigate and understand this important subject area. It provides students and practitioners of orthodontics with an indispensable guide to this vital tenet of education, research, and clinical practice.</p> <p>Editor(s): Greg J. Huang, Stephen Richmond, Katherine W.L. Vig. Copyright © 2011 by John Wiley & Sons, Ltd.</p>	<p>inferences from data. The ability to define a search strategy from established databases and to identify relevant clinical and translational research in the scientific published literature requires a new approach in orthodontic education. <i>Evidence-Based Orthodontics</i> provides a contemporary approach to those strategies in clinical orthodontic practice. The growing ability to translate critical appraisals of evidence into clinical practice and evaluate clinical evidence for its validity and potential usefulness requires an understanding of basic elements in epidemiology and biostatistics.</p>
5	<p>Evidence- Based Decision Making: A Translational Guide for Dental Professionals</p>	<p>Book</p> <p>http://books.google.pt/books/about/Evidence_Based_Decision_Making.html?id=q7RANwAACAAJ&redir_esc=y</p>	<p>This concise, hands-on text provides a method for making evidence-based decisions in practice.</p> <p>Syrene A. Miller, Pam R. Overman, Michael G. Newman. Lippincott Williams & Wilkins, 2008 - Medical - 169 pages</p>	<p>Evidence-Based Decision Making for Dental Professions teaches the skills necessary for life-long learning that are an important part of the ability to translate recent and relevant scientific evidence into practical applications. The book presents a step-by-step approach to mastering the five essential skills of evidence-based decision making- formulating patient-centered questions, searching for the appropriate evidence, critically appraising the evidence, applying the evidence to practice, and evaluating the process. Five Case Scenarios are used throughout the book and cover the broad areas of therapy/prevention, diagnosis, etiology/harm/causation, and prognosis. Each chapter has objectives, suggested activities, a quiz, critical thinking questions, and exercises.</p>

6	Evidence-Based Dentistry: Managing Information for Better Practice	Book	http://books.google.pt/books?id=HOPIGgAACAAJ&dq=Evidence-Based+Dentistry:+Managing+Information+for+Better+PracticeJan+Clarkson,+Deborah+Matthewa.+Quintessence+Publishing+Company+Incorporated,+2008.&hl=pt-PT&sa=X&ei=AE7kUq_bHaSM7QbrxID4Ag&ved=0CDIQ6AEwAA	Jan Clarkson, Deborah Matthewa. Quintessence Publishing Company Incorporated, 2008.	This book outlines the key concepts of evidence-based dentistry and illustrates the process from analysis to implementation using relevant clinical examples.
7	Evidence Based Dentistry for Effective Practice	Book	http://www.amazon.com/Evidence-Based-Dentistry-Effective-Practice/dp/1841841994/ref=sr_1_8?s=books&ie=UTF8&qid=1389912596&sr=1-8&keywords=EVIDENCE+BASED+DENTISTRY	The book provides the best available information for decision making. Jan Clarkson, Jayne E. Harrison, Amid Ismail and Ian Needleman. Martin Dunitz (Dec 19, 2002)	This text brings together for the first time a guide to Evidence Based Dentistry. It provides practical information on how to implement EBD in practice, as well as summarising the issues involved and the impact on healthcare and education.
8	Evidence-based Dentistry, An Issue of Dental Clinics, 1e (The Clinics: Dentistry)	Book	http://www.amazon.com/Evidence-based-Dentistry-Issue-Dental-Clinics/dp/1437704662/ref=sr_1_1?s=books&ie=UTF8&qid=1390693478&sr=1-1	The book provides practical information on how to implement EBD in practice Mark V. Thomas DMD (Mar 24, 2009)	This book outlines a guide to Evidence Based Dentistry.

IV. EXAMPLES of NATIONAL DENTAL ASSOCIATIONS GIVING INFORMATION and RESOURCES ABOUT EBD

#	COUNTRY	WEB SITE ADDRESS	EBD SECTION	AVIABILITY (Free access, membership needed, fee etc)	CONTENT
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1	USA	http://ebd.ada.org/	YES	free access (membership needed only in articles published in JADA)	There is information about "What is EBD?" and also FAQ about EBD, "Systematic Reviews", "Clinical Recommendations", "Resources", "Suggest Clinical Ideas" and "Tutorials" parts are present in the web site. There is also articles about EBD published in JADA however membership is needed.
2	NEW ZELAND	http://www.nzda.org.nz/pub/index.php?id=69	YES	free access	The definition and the importance of EBD are included and the importance of reliability of evidence-based decisions in dental practices is highlighted. Additionally, this web site provides information about how to search in internet in dental and medical literature. Gives examples in EBD articles published in different journals.
3	INDIA	http://memberships.ida.org.in/Membership_Detail/memScienceandEducation.aspx	YES	free access	IDA acknowledges the importance of evidence- based dentistry (EBD) and its influence on clinical practice, dental education, research, consumer guidelines and public perception.
4	AUSTRALIA	http://www.ada.org.au/app_cmslib/media/lib/1009/m256254_v1_policy%20statement%206.8%20evidence-based%20dentistry.pdf	/	/	They only published a policy statement about EBD in April 2008.

V. MEDICAL RESOURCES-COMPLEMENTARY TO DENTISTRY

#	TITLE of RESOURCE	TYPE of RESOURCE (Book, web site, statement, review article, periodic journal, etc..)	CONTENT (Case studies, level of evidence, implementation of EBD to practice)	AVAILABILITY (free access, membership needed, fee, web site address, etc..)	BRIEF SUMMARY, NOTES & RECOMMENDATIONS (How can this resource be used by the dental practitioner)
AGENCIES & CENTERS					
1	Agency for Healthcare Research and Quality (AHRO)	Web site	It is the health services research arm of the U.S. Departement of Health and Human Services (HHS).	www.ahrq.gov	EB information on quality improvement and patient safety; outcomes and effectiveness of care; clinical practice and technology assessment; health care organization and delivery systems; primary care (including preventive services; and health care costs and sources of payment
2	Canadian Centres for Health Evidence (CHE)	Web site	CHE provides extensive information on how to identify the required evidence, how to critically appraise published literature and understanding statistics	www.cche.net	Knowledge-based resources and summaries to health professionals
3	Center for Evidence-Based Medicine <i>University of Toronto</i>	Web site	Materials related to teaching and practicing EBD	www.cebm.utoronto.ca	Glossary of EBM terms, resources for handheld devices, and links to other EBD sites
4	Centre for Evidence-Based Medicine	Web site	Resources which promote and	www.cebm.net	The Centre for Evidence-based Dentistry, promote the teaching,

	<i>National Health Service (UK)</i>		provide support evidence-based health care providers, students and patients		learning, practice and evaluation of evidence-based dentistry world-wide. The Centre is the Editorial base for the Evidence-based Dentistry Journal and is one of the members of the Virtual Centre for Improving Oral Health.
5	Centre for Reviews and Dissemination <i>National Health Service (UK)</i>	Web site	Provides evidence synthesis in the health field	www.york.ac.uk	Systematic reviews that evaluate the effects of health and social care interventions and the delivery and organisation of health care. CRD produces the renowned DARE, NHS EED and HTA Data bases which are used by health professionals, policy makers and researchers around the world.
6	Clinical Knowledge Summaries <i>National Health Service (UK)</i>	Web site	Collection of evidence-based information about the common conditions managed in primary and first-contact care.	A one-time registration is required. cks.library.nhs.uk	It is compiled by the National Health Service and outlines the evidence on which answers are based.
7	Cochrane Collaboration Complementary Medicine Field	Web site	Overview of the mission and activities of the Cochrane Collaboration Complementary Medicine Field	www.compmed.umm.edu/cochrane.asp	Links to the Complementary Medicine Field Newsletter, Complementary Medicine Reviews & Protocols, and the Registry, a database of randomized control trials (RCT) and controlled clinical trials (CCT) on Complementary Medicine topics
8	Evidence-based Medicine Resource Center <i>The New York Academy of Medicine Library/ American College of Physicians, New York</i>	Web site	References, bibliographies, tutorials, glossaries, and online databases to guide those embarking on	www.ebmny.org	Practice tools to support critical analysis of the literature and MEDLINE searching, as well as links to other sites that help enable evidence-based medical care

	<i>Chapter</i>		teaching and practicing evidence-based medicine		
9	Sarah Cole Hirsh Institute for Best Nursing Practices Based on Evidence	Web site	Repository of best nursing practices based on research findings	http://fpb.case.edu/Centers/Hirsh	Repository of best nursing practices based on research findings
10	U.S. Preventive Services Task Force	Web site	Independent panel of experts in primary care and prevention that systematically reviews the evidence of effectiveness and develops recommendations for clinical preventive services	www.ahrq.gov/clinic/prevenix.htm	Systematically reviews of the evidence of effectiveness and develops recommendations for clinical preventive services
CLINICAL PRACTICE GUIDELINES					
1	Health Services Technology Assessment Texts – HSTAT <i>National Library of Medicine</i>	Web site	Provides access to full text documents useful for providing health information and for health care decision making	http://hstat.nlm.nih.gov/	Clinical practice guidelines, quick-reference guides for clinicians, consumer health brochures, evidence reports and technology assessments
2	National Guideline Clearinghouse <i>U.S. Agency for Healthcare Policy & Research</i>	Web site	A public resource for evidence-based clinical practice guidelines	www.guidelines.gov	Guidelines browsed by the following categories: Disease/Condition, Treatment/Intervention, or Organization. (The National Guideline Clearinghouse is sponsored by the U.S. Agency for Healthcare Policy & Research, the American Medical Association and the American Association of Health Plans)

DATABASES					
1	See EBM databases, Limits, Publication & study Types	Web site	The HHSL offers services to the Tufts and Tufts Medical Center community.	Many of the following evidence-based-medicine databases require a Tufts username or Library Login ID for access.	Getting Started Databases E-Books E-Journals New Acquisitions Recommend a Purchase Report a Missing Book or Journal Request Materials from Jaharis Storage Research Guides
DIRECTORIES					
1	Evidence-Based Medicine <i>Welch Medical Library at Johns Hopkins U.</i>	Web site	Collection of evidence-based medicine resources that have been evaluated and rated for content	www.welch.jhu.edu/internet/ebr.html	Systematic Reviews, Journal Articles and other Databases Clinical Trials and Pre-publication Resources Research Tools: Filters, Hedges and Strategies Statistical Tools and Calculators Journal Clubs, List Servers, and Meta-lists Education and Tutorials Organization
2	Understanding and Evaluating Medical Information <i>New York Online Access to Health</i>	Web site	Information guide to EBM resources on the web.	www.noah-health.org/en/ebm	The Basics, Types of Evidence, Research Methods and Statistical Terms in EBM
EBM CENTERS BY SPECIALITY					
1	Mental Health Sarah Cole Hirsh Institute for Best Nursing Practices Based on Evidence	Web site	Resource for evidence-based clinical practice	Mental Health www.psyciatry.ox.ac.uk Sarah Cole Hirsh Institute for Best Nursing Practices Based on	Guidelines; Systeematic Reviews; Randomized Trials; Diagnostic Tests; Chorts; Case-control; Cross-sectional; Qualitative

	Pathology Social Services			<p>Evidence http://fpb.case.edu/Centers/Hirsh</p> <p>Pathology www.nottingham.ac.uk</p> <p>Social Services www.cebss.org</p>	
GUIDES & TUTORIALS					
1	EBM Tutorial <i>Boston University Medical Center - Alumni Medical Library</i>	Web site	<p>Tutorial One: Introduction to Evidence-Based Medicine</p> <p>Tutorial Two: Forming a Clinical Question EBM Search Process</p>	<p>http://medlib.bu.edu/tutorials/ebm/intro/index.cfm?loc=az_ebm</p> <p>http://medlib.bu.edu/tutorials/ebm/pico/index.cfm?loc=az_ebm</p> <p>http://medlib.bu.edu/faq2.cfm/content/ebm_process.cfm</p>	<p>Tutorials:</p> <p>1 - Introduction to Evidence-Based Medicine</p> <p>2 - Forming a Clinical Question EBM Search Process</p>
2	Evidence-Based Medicine Tutorials <i>Lamar Soutter Library at Umass Medical School</i>	Web site	Interactive tutorial	http://library.umassmed.edu/EBM/tutorials/	Construction of evidence based clinical questions in terms of both prognosis and therapy
3	Finding the Evidence <i>Medical University of South Carolina Library</i>	Web site	Tutorial is designed to help health practitioners acquire the skills they need to conduct successful evidence-based searches	www.library.musc.edu	Conduct successful evidence-based searches
4	Introduction to Evidence-Based Medicine <i>Duke University/ UNC - Chapel Hill</i>	Web site	Basic tutorial intended for any health care practitioner or student who needs a	www.hsl.unc.edu	Basic introduction to the principles of Evidence-Based

basic introduction to the principles of Evidence-Based Medicine

JOURNALS

1	<i>Bandolier: Evidence Based Health Journal</i>	Periodic Journal	Produced and edited by Pain Research at Oxford University	Valid Tufts ID is not required for access www.jr2.ox.ac.uk	Bandolier searches and abstracts systematic reviews of treatments, evidence about diagnosis, epidemiology or health economics
2	<i>EBM Online</i>	Periodic Journal	Bi-monthly journal designed to alert clinicians to scientifically meritorious and clinically important advances in treatment, diagnosis and clinical prediction, etiology, prognosis, economics, and quality improvement. Published by the BMJ Publishing Group Ltd.	Valid Tufts ID is not required for access http://ebm.bmjournals.com/	Resources to alert clinicians to scientifically meritorious and clinically important advances in treatment, diagnosis and clinical prediction, etiology, prognosis, economics, and quality improvement
3	<i>Evidence-based Complementary and Alternative Medicine.</i>	Periodic Journal	Evidence-Based Complementary and Alternative Medicine (eCAM) is an international, peer-reviewed journal that seeks to understand the sources and to encourage rigorous research in this new, yet ancient world of complementary and alternative medicine	Valid Tufts ID for access www.ecam.oupjournals.org	The journal seeks to apply scientific rigor to the study of complementary and alternative medicine (CAM) modalities, particularly traditional Asian healing systems. eCAM emphasizes health outcome while documenting biological mechanisms of action. The journal is devoted to the advancement of science in the field of basic research, clinical studies, methodology or scientific theory in diverse areas of Biomedical Sciences

4	<i>Evidence-Based Obstetrics & Gynecology</i>	Periodic Journal	The Journal allows the clinicians to combine the best external evidence from systematic research with individual clinical.	Valid Tufts ID for access http://ezproxy.library.tufts.edu/login?url=http://home.mdconsult.com/groups/tufts517.html	The journal helps you to: <ul style="list-style-type: none"> • Convert your information needs into answerable questions • Track down the best evidence to answer the question • Appraise the evidence • Apply the results in your clinical practice • Evaluate your performance
6	<i>Journal of Family Practice</i>	Periodic Journal	Features a column "POEMS (Patient Oriented Evidence that Matters)"	Valid Tufts ID for access http://ezproxy.library.tufts.edu/ezproxy/ezproxy/asp?ISSUE=00004790	The Journal gives priority to studies that address clinical questions or health care delivery topics in primary care. Since our audience consists of both primary care clinicians and researchers, it is important that original research be relevant and useful to the physician in full-time clinical practice.
MOBILE RESOURCES					
1	Duke University Medical Center Library EBM File <i>Duke University Medical Center Library</i>	Web site	Free PDA file of evidence-based medicine resources	Free AvantGo account required www.mclibrary.duke.edu	information on EBM terminology, how to construct a well-built clinical question, and how to evaluate various types of journal articles. A reference guide on searching Ovid MEDLINE is also included
2	DynaMed	Web site	DynaMed™ is unique among clinical information resources. Our community of clinicians synthesize the evidence and provide <i>objective analysis</i> in an easily-	Check Supported Mobile Devices on <i>About DynaMed</i> page. Email: dynamedsupport@epnet.com from your Tufts University or Tufts Medical Center email.	It is a resource for electronic information in the evidence based medicine

digestible format. We follow a strict *evidence-based* editorial process focused on providing *unbiased information* to help guide physicians in their decision-making process.

Tufts affiliates using your hospital email send a request for a serial number to hsl@tufts.edu.

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Serial numbers expire one year from activation.

Request a new number directly from DynaMed or hsl@tufts.edu to continue access.

3

EBM Calculator
*Centre for Evidence-Based
Medicine, Toronto*

Web site

These calculators were created for your own personal use and testing purposes. They are to be used as a guide only. Medical decisions should NOT be based solely on the results of these programs. Although this program has been tested thoroughly, the accuracy of the information cannot be guaranteed.

www.cebm.utoronto.ca

Designed to calculate relevant statistics for Diagnostic studies, Prospective Studies, Case Control Studies, and Randomized Control Trials (RCT). Operating System: Palm OS.

TEXTBOOKS

1	See EBM Compendia by Speciality	Book	Evidence Based Medical books list by Speciality	http://tusk.tufts.edu/view/content/206364	Provides a list of Evidence Based Medical books
2	Search the Tufts Catalog	Book Web site	Provides: Research Resources <ul style="list-style-type: none"> • Library Catalog • Database Finder • Electronic Journals • Research Guides@Tufts • Course Reserves • New Acquisitions Services & Information <ul style="list-style-type: none"> • My Account • Pay My Library Fees • Scholarly Communication • Privacy Policy • Information Stewardship Policy • Friends of the Library • Borrow from Other Libraries • BLC WorldCat • ILLiad 	By keyword for <i>evidence based or EBM</i> by MeSH for evidence-based medicine http://library.tufts.edu/	By keyword for <i>evidence based or EBM</i> by MeSH for evidence-based medicine

