



# EBM Point-of-Care Resources

Below is information regarding personal subscriptions to EBM Point of Care Resources. Those subscribed by Mercer School of Medicine or free are in **red**

Please access via the Mercer School of Medicine Medical Libraries website for institutional access that is free to you.

<http://med.mercer.edu/library/subjects.htm>


Point of Care Resource	Access	Cost	Content Summary	Features/ Significance	Frequency of Update	When to Use
 <p><b>Systematic Reviews. Highest Level of Evidence on the EBM Pyramid of Evidence.</b> Use to find the best available evidence.</p>						
<b>Cochrane Library</b> <a href="http://www.cochrane.org">http://www.cochrane.org</a>	Online	Individuals \$365.00	Regularly updated collection of EBM databases including the Cochrane Database of Systematic Reviews.	The Cochrane Library aims to “prepare, maintain & promote the accessibility of systematic reviews of the effects of health care interventions”.	Updates occur quarterly. The date of the last update is given for each review. Substantive changes are highlighted.	Best for the highest quality of evidence. Largely grounded in a register of randomized controlled trials, best for therapy questions that can be addressed by strong quantitative designs.
<b>PubMed Clinical Queries</b> <a href="http://www.ncbi.nlm.nih.gov/pubmed/clinical">http://www.ncbi.nlm.nih.gov/pubmed/clinical</a>	Online, Mobile App	Free	Filters for Systematic Reviews.	Specialized PubMed searches to retrieve citations identified as systematic reviews.	Updated daily.	Use PubMed’s clinical queries to select systematic reviews from the MEDLINE database
<b>PubMed Health</b> <a href="http://www.ncbi.nlm.nih.gov/pubmedhealth/">http://www.ncbi.nlm.nih.gov/pubmedhealth/</a>	Online	Free	Specializes in reviews of clinical effectiveness research with easy-to-read summaries for clinicians and consumers as well as full technical reports.	Based on systematic reviews of clinical trials. Includes DARE (Database of Abstracts of Reviews of Effects), Cochrane Systematic Reviews, Clinical Guides, Executive Summaries, and Systematic Review abstracts from PubMed,	Updated when the PubMed Health partners (such as AHRQ, Cochrane, and National Cancer Institute) provide new or updated information.	Use to see what treatments and preventative methods have been proven to work – and what remains unknown.


Point of Care Resource	Access	Cost	Content Summary	Features/ Significance	Frequency of Update	When to Use
 <b>Critically Appraised Topics. Filtered information that has been synthesized and distilled by experts. Best used for answers to clinical questions.</b>						
<b>ACP PIER</b> <a href="http://pier.acponline.org">http://pier.acponline.org</a>	Online, Mobile App	Free to ACP members. Students can join ACP for free. ACP Membership cost: physician for more than 9 yrs \$485.00; physician 8 yrs or less \$285.00; resident \$109.00	A collection of 490 evidence summaries published by the American College of Physicians. Guidelines are summarized for most conditions.	Topics are selected by ACP based on prevalence in clinical settings. Covers internal and medicine specialists. Does not provide recommendations.	Monthly but the contents of at least 6 major medical journals are reviewed each week by PIER's editorial staff. Relevant citations are added to the "What's New" section of the module home pages.	Quick access to lists of key points in disease management in internal and medicine areas.
<b>Clinical Evidence</b> <a href="http://clinicalevidence.bmj.com">http://clinicalevidence.bmj.com</a>	Online, print, mobile, PDA	Physician \$336.00; student/nurse \$170.00	Aims to cover common or important clinical conditions seen in primary and hospital care. Addresses the benefits and harms of preventative and therapeutic interventions, with emphasis on outcomes that matter to patients.	Unique approach – content based on pre-selected clinical questions. Results of thorough literature searches about current evidence are summarized into concise answers. Rigorously peer reviewed.	Updates occur twice a year (June and December). Sections with substantial updates are highlighted.	Best used for addressing therapy and prevention questions.
<b>ClinicalKey First Consult</b> <a href="https://www.clinicalkey.com">https://www.clinicalkey.com</a>	Online	Content is divided into 40 specialty packages. Cost varies between \$500.00 and \$1,250.00 per package.	Delivers medical and surgical content for over 900 books, 500 journals thousands of videos and millions of images.	Includes Elsevier First Consult point-of-care clinical monographs; Elsevier Procedures Consult content and associated videos; Clinical Pharmacology drug monographs; Practice Guidelines; Patient education information	Updated daily	FirstConsult is best used for answers to clinical questions.







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<b>DynaMed</b> <a href="http://www.ebscohost.com/dynamed/">http://www.ebscohost.com/dynamed/</a>	Online, Mobile App, PDA	Resident \$149.95; physician \$395.00	A medical information database with over 1,800 clinical topic summaries.	Designed for use at the point of care. Monitors the content of over 500 medical journals and systematic evidence review databases . Includes levels of evidence and links to primary literature.	Extensive; updated daily	Use for evidence-based answers to clinical questions for patient care.
<b>Essential Evidence Plus</b> <a href="http://www.essential-evidenceplus.com/">http://www.essential-evidenceplus.com/</a>	Online, optimized for mobile	Individuals \$85.00	Filtered, synopsised, evidence-based information, allowing you to search across multiple databases, including EBM Guidelines, Daily POEMs, Cochrane Abstracts, Practice Guidelines, Diagnostic Tests, and Calculators.	Integrated system for quick searching of key resources; primarily of interest to family medicine practitioners.	The date of the last update is given for each topic.	Use for evidence-based answers to primary care clinical questions.
<b>PEPID</b> <a href="http://www.pepid.com">http://www.pepid.com</a>	Online, Mobile App	Clinical Rotation Companion: \$254.95 Emergency Medicine Suite: \$264.95 Primary Care Plus: \$264.95	Comprised of the Clinical Rotation Companion for students with integrated clinical and drug data workflows, PEPID EM for emergency personnel with differential diagnosis generator, and PEPID Primary Care for physicians, nurse practitioners, and physician assistants.	Primarily of interest for students, emergency medicine, and primary care.	Continuously	Best used for clinical questions.

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 <b>Critically Appraised Topics. Filtered information that has been synthesized and distilled by experts. Best used for answers to clinical questions.</b>						
<b>TRIP</b> <a href="http://www.tripdatabase.com">http://www.tripdatabase.com</a>  Centre for Research Support (Wales)	Online and PDA	Free	Meta-search engine for 70 sources of "high quality" Internet information, including e-journals and etextbooks.	TRIP is compiled by hand and is aimed at primary health care workers interested in "turning research into practice".	Updated monthly	Use TRIP when "seeking pre-appraised evidence, reviews, and guidelines"
<b>UpToDate</b> <a href="http://www.uptodate.com">http://www.uptodate.com</a>	Online, Mobile App, PDA	Resident \$199.00; physician \$499.00	Concise, peer-reviewed topical summaries, chiefly in internal medicine and its subspecialties, but also primary care, OB/GYN, pediatrics, and general surgery. Focuses on diagnosis and treatment.	An easy-to-use database that provides quick answers to clinical questions. Summaries are a combination of synthesized literature reviews and expert opinion.	Updated daily.	Use UpToDate for peer-reviewed answers to specific clinical questions.
<b>Visual DX</b> <a href="http://www.visualdx.com">http://www.visualdx.com</a>	Online, Mobile App	Complete: \$299.99 Essentials: \$149.99 Pediatrics: \$99.99	A visual diagnostic clinical decision support tool that includes more than 17,000 medical images and illustrations.	Each patient's findings can be entered to build a patient-specific differential diagnosis through thousands of searchable clinical terms and diagnostic relationships. Users can search for over 900 visually identifiable diseases.	The date of the last update is given for each synopsis.	Use to help diagnose the causes of skin, eye, and mouth manifestations



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 <p style="text-align: center;"><b>Unfiltered Resources (not synthesized). Articles such as RTCs, Systematic Reviews &amp; Case Reports. Best for researching more in depth or for recent information.</b></p>						
<b>ClinicalKey articles and guidelines</b> <a href="https://www.clinicalkey.com">https://www.clinicalkey.com</a>	Online	Content is divided into 40 specialty packages. Cost varies between \$500.00 and \$1,250.00 per package.	Delivers medical and surgical content for over 900 books, 500 journals thousands of videos and millions of images.	Includes Elsevier First Consult point-of-care clinical monographs; Elsevier Procedures Consult content and associated videos; Clinical Pharmacology drug monographs; Practice Guidelines; Patient education information	Updated daily	Use it to find comprehensive journal content on every specialty
<b>Google Scholar</b> <a href="http://scholar.google.com">http://scholar.google.com</a>	Online	Free	Searches broadly across a variety of web-based resources.	Easy to use; familiar tool, does not disclose exactly what sites and resources it searches.	Continuously	Use when you can't find information in other databases.
<b>PubMed Clinical Queries</b> <a href="http://www.ncbi.nlm.nih.gov/pubmed/clinical">http://www.ncbi.nlm.nih.gov/pubmed/clinical</a>	Online, Mobile App	Free	Filters for retrieving methodologically sound studies in four categories (therapy, diagnosis, etiology, and prognosis) plus systematic reviews.	Quick access for retrieving evidence-based original studies and systematic reviews from MEDLINE.	Updated daily.	Use PubMed's clinical queries to select evidence-based studies from the MEDLINE database
<b>SUMSearch</b> <a href="http://sumsearch.org">http://sumsearch.org</a>	Online	Free	Meta-search engine for selected EBM resources on the Internet.	Single gateway for MEDLINE, DARE, and practice guidelines; uses "contingency searching" to focus results.	Updated daily.	Use SUMSearch for a free portal to answer clinical questions involving diagnosis, etiology, prognosis and therapy.


Point of Care Resource	Access	Cost	Content Summary	Features/ Significance	Frequency of Update	When to Use
 <b>Textbook style information. Best used for in depth background/overview information.</b>						
<b>AccessMedicine</b> <a href="http://www.accessmedicine.com">http://www.accessmedicine.com</a>	Online, optimized for mobile	Individual: \$995.00	Online collection of key medical reference texts that provide authoritative and current medical data.	Keyword search the full-text of over 40 McGraw Hill books. Also in includes medical news, patient education, a diagnostic tool, and an integrated drug database.	Updated daily	Use to find comprehensive eBook content.
<b>ClinicalKey eBooks</b> <a href="https://www.clinicalkey.com">https://www.clinicalkey.com</a>	Online	Content is divided into 40 specialty packages. Cost varies between \$500.00 and \$1,250.00 per package.	Delivers medical and surgical content for over 900 books, 500 journals thousands of videos and millions of images.	Keyword search the full-text of over 900 Elsevier books. Also includes articles, images, patient education, drug info, and videos.	Updated daily	Use it to find comprehensive eBook content on every specialty
<b>eMedicine/ Medscape</b> <a href="http://emedicine.medscape.com/">http://emedicine.medscape.com/</a>	Online, Mobile App	Free	A clinical knowledge base in 63 specialty areas covering 7,000 diseases and disorders.	Peer-reviewed disease summaries; multimedia files, clinical tools, and differential diagnosis information.	The date of the last update is given for each summary.	Use eMedicine for textbook style Information relevant to multiple specialties.
 <b>Guidelines. Statements by which to determine a course of action. Best used to help make decisions about appropriate health care for specific clinical circumstances.</b>						
<b>National Guideline Clearinghouse</b> <a href="http://www.guidelines.gov">http://www.guidelines.gov</a>	Online and PDA	Free	Evidence-based clinical practice guidelines via AHRQ. Best comprehensive resource for finding practice guidelines from a variety of organizations.	Structured abstracts (summaries) about the guideline. Links to full-text guidelines, where available. Easy to use comparison table.	The update status of each guideline is provided.	Use guidelines.gov to find high quality practice guidelines from a variety of respected sources.

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 <p style="text-align: center;"><b>Guidelines. Statements by which to determine a course of action.</b>  <b>Best used to help make decisions about appropriate health care for specific clinical circumstances.</b></p>						
<b>PubMed using filter/s for Guideline and/or Practice Guideline</b> <a href="http://www.ncbi.nlm.nih.gov/pubmed/">http://www.ncbi.nlm.nih.gov/pubmed/</a>	Online, Mobile App	Free	Search for a topic then filter for “Article Types” such as Guideline and/or Practice Guideline,	Using the PubMed filters, limit the search to just guidelines, or specific years.	Updated daily	Use the PubMed filters to search for guidelines indexed in PubMed.
<b>USPSTF ePSS Tool</b> <a href="http://epss.ahrq.gov/PDA/index.jsp">http://epss.ahrq.gov/PDA/index.jsp</a>	Online, Mobile App	Free	Electronic Preventive Services Selector. Search and browse U.S. Preventive Services Task Force (USPSTF) recommendations and guidelines.	Provides evidence-based recommendations about clinical preventive services such as screenings, counseling services, or preventive medications.	Periodically	Use to identify appropriate clinical preventive services.
 <p style="text-align: center;"><b>Drug Information. Quality drug knowledge resources, optimally integrated into clinical workflow, enable EBM.</b>  <b>Best used to find drug information, side effects, drug interactions, warnings, dosage, patient information &amp; more.</b></p>						
<b>Drug Information Portal</b> <a href="http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp">http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp</a>	Online and optimized for mobile	Free	This site is a true portal: search for a prescription, over-the-counter, herbal, or nutraceutical name and the site will provide links to additional information from a variety of United States-government-produced websites.	Includes links to research articles, drug monographs, labels, and more. Can also be searched by drug category. Many drugs in other countries are covered, but not as thoroughly as U.S. drugs.	Continuously	Use as a gateway to search for more or difficult to find information.

Point of Care Resource	Access	Cost	Content Summary	Features/ Significance	Frequency of Update	When to Use
 <b>Drug Information. Quality drug knowledge resources, optimally integrated into clinical workflow, enable EBM. Best used to find drug information, side effects, drug interactions, warnings, dosage, patient information &amp; more.</b>						
<b>Drugs@FDA</b> <a href="http://www.accessdata.fda.gov/scripts/cder/drugsatfda/">http://www.accessdata.fda.gov/scripts/cder/drugsatfda/</a>	Online	Free	Browse or search for United States Food and Drug Administration (FDA) approved prescription and over-the-counter drug products.	Contents vary for each drug, but may include dates of original approval; approval history, letters, reviews, and related documents; therapeutic equivalents; risk evaluation and mitigation strategy/	Daily	Use for official information about FDA approved innovator and generic drugs and therapeutic biological products.
<b>Epocrates</b> <a href="http://www.epocrates.com">http://www.epocrates.com</a>	Online and Mobile	Epocrates Rx is free Online Premium: \$99.00 Essentials Mobile: \$159.99	Disease and drug reference has drug monographs, pill ID and interaction tools, calculators, and patient handouts. Includes OTC and alternative meds. Only lists more common, or serious side effects.	Essentials is distinguished from Epocrates Rx by the evidence-based disease content. Essentials also has lab tests and panels with reference ranges, tables, approximate test costs, and commonly associated ICD-9s..	Continuously	Use for quick clinical lookups.
<b>Facts &amp; Comparisons eAnswers</b> <a href="http://online.factsandcomparisons.com">http://online.factsandcomparisons.com</a>	Online and Mobile. Mobile has combined content from both Facts & Comparisons & Lexicomp	No personal subscriptions.	Extensive drug and alternative medicine resource has dosages, interactions, warnings, costs, calculators, pill identifier, orphan drugs, pregnancy and lactation warnings. and patient education.	Useful for its comparison charts of similar drugs and drug products. Covers US drugs almost exclusively. Contains a good drug interactions database and a separate drug-herb interactions database.	The date of the latest update is posted under the <i>What's New</i> section located on the main page.	Use for therapeutic decision-making.



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 <b>Drug Information. Quality drug knowledge resources, optimally integrated into clinical workflow, enable EBM. Best used to find drug information, side effects, drug interactions, warnings, dosage, patient information &amp; more.</b>						
<b>Lexicomp</b> <a href="http://webstore.lexi.com/PDA-Software-for-Physicians">http://webstore.lexi.com/PDA-Software-for-Physicians</a>	Online and Mobile.	Lexi-COMPLETE (online & mobile): \$695.00 Lexi-CLINICAL SUITE mobile): \$175.00	Includes drug information, toxixology, patient education, lab and diagnostic reports, interactions, I.V. Compatibility, and drug ID.	Includes 5 Minute Clinical Consult. Lexi-COMPLETE includes AHFS and insurance plan coverage.	Daily	Use for point-of-care decisions.
<b>Micromedex</b> <a href="http://www.micromedex.com/2/home.html">http://www.micromedex.com/2/home.html</a>	Online and Mobile	Personal subscriptions only available for physicians in private practice. If working in a health care facility, the institution must get an institutional subscription.	A collection of databases with Drugdex as the key one. An excellent source of drug indication, dosage, drug interaction and side effect information, as well as poison control information.	Has more extensive referencing than other major databases, with some information on investigational and non-US drugs.	Weekly	Use clinically, especially if you are looking for very detailed information on a medication.
 <b>Medical Calculators. Best used to help evaluate situations and through them reach informed decisions.</b>						
<b>Archimedes</b> <a href="http://www.skyscape.com/archimedesonline/ArchimedesTOC.aspx">http://www.skyscape.com/archimedesonline/ArchimedesTOC.aspx</a>	Online and mobile	Free version. Archimedes 360: \$24.95 (adds 75+ calculators)	Over 150 of the most commonly used medical formulas.	If you have other Skyscape resources, you can cross-reference across them.	Irregularly	Use to find basic formulas.
<b>Calculate (Medical Calculator) by QxMD</b> <a href="http://www.qxmd.com/apps/calculate-by-qxmd">http://www.qxmd.com/apps/calculate-by-qxmd</a>	Mobile	Free	More than 150 Unique calculators and Decision Support tools	Detailed references with Pubmed integration. Automatically adapts to your self-described clinical practice.	Irregularly	Use as a clinical calculator and decision support tool.

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 <b>Medical Calculators. Best used to help evaluate situations and through them reach informed decisions.</b>						
<b>Critical Appraisal of the Evidence Stats Calculator</b> <a href="http://ktclearinghouse.ca/cebm/practise/ca/calculators/stats_calc">http://ktclearinghouse.ca/cebm/practise/ca/calculators/stats_calc</a>	Online. Need Java enabled browser.	Free	Calculate statistics given in articles dealing with Diagnostic Tests, Case Control Studies and Randomized Controlled Trials	The Centre for Evidence Based Medicine site also has other EBM calculators such as Odds Ratio to NNT,	Irregularly	Use to calculate statistics in articles to evaluate them.
<b>Essential Evidence Plus History and Physical Calculators</b> <a href="http://www.essentialevidenceplus.com/">http://www.essentialevidenceplus.com/</a>	Online, optimized for mobile	Individuals \$85.00	1,500+ calculators divided into 200 symptom/disease pairings.	Find out the probability of disease based upon the results of clinical evaluation before doing additional testing.	The date of the last update is given for each calculator.	Use to determine the likelihood of a patient having a disease based on information gathered during a history and physical evaluation.
<b>Essential Evidence Plus Diagnostic Test Calculators</b> <a href="http://www.essentialevidenceplus.com/">http://www.essentialevidenceplus.com/</a>	Online, optimized for mobile	Individuals \$85.00	2,000 Diagnostic Test Calculators, divided into 450 symptom/disease pairings. The tool offers test characteristics and an estimate of the probability of disease before conducting a test.	The calculators outline the probability of disease based upon test results. Tailor test result interpretations based on the details of the clinical circumstance.	The date of the last update is given for each calculator.	Use to choose the best diagnostic test and interpret the test results.
<b>Mediquations</b> <a href="http://www.mediquations.com/">http://www.mediquations.com/</a>	Mobile	\$4.99	Contains over 230 medical calculators and scoring tools.	Multiple results (such as mortality percentages) are displayed for relevant scoring tools. View the full equation for each formula. Relevant pictures for certain equations.	Irregularly	Use to calculate common medical calculations.

Based on: N. Torabi's *Point of Care Tools Comparison Chart*, Allyn & Betty Taylor Library and *The Clinical Question and Information Resources Chart*, Duke Program on Teaching Evidence-Based Practice.