Evidence-based Medicine

Evidence Based Medicine (EBM) is the mindful use of modern technology to bring the best relevant medical information to bedside clinical decisions. Incorporating EBM greatly benefits patients who gain access to the best and latest scientific advancements in the world. EBM simultaneously benefits the provider by facilitating powerful uptake of new knowledge. In short, EBM is the solution to the chasm that exists between proven medical discoveries and clinical practice. Explorit Everywhere! EBM bridges the chasm by providing the best medical information evidence in an extremely user-friendly format for immediate application to decision-making.

Introducing Explorit Everywhere! EBM

Explorit Everywhere! EBM leverages distributed search technology to drive efficient literature-searching for busy clinicians, residents and medical students. Importantly, this technology powers two critical user goals: BEST QUALITY EVIDENCE and EFFICIENCY. Efficiency is delivered by searching a relatively small set of very high-quality and highly-targeted specialty sources and then displaying the results in organized tabs that follow the hierarchy of the EBM pyramid. (See below.) Explorit Everywhere! EBM eliminates the frustrating feeling of wasting precious time only to receive low quality and inaccurate search results. Explorit Everywhere! EBM is the brainchild of Samuel Keim, MD, MSc, Professor, and Chair of the Department of Emergency Medicine at the University of Arizona. He has dedicated 30 years of research and teaching focused on EBM. Dr. Keim is collaborating with Deep Web Technologies to develop this technology and to provide it as a service to leading medical schools and hospitals. Welcome to 21st Century clinical decision support!

Evidence-based Medicine Pyramid

The EBM pyramid organizes evidence into hierarchical levels. Higher levels of the pyramid include evidence that is more scientifically rigorous and therefore higher quality. It is also likely more problem specific. Evidence at the lower levels includes evidence that has resulted from less scientifically-rigorous methods and is typically more general in nature. Delivering search results filtered according to the EBM pyramid allows for powerful advantages to the user in both time efficiency and quality impact.

Features & Benefits

Small EBM-focused set of sources searched simultaneously, making evidence search highly efficient.

Sophisticated PubMed searches are limited to “core clinical” and specialty high impact factor journals. We further limit searches to the last ten years of human studies in English-only articles.

Integrate library subscription and public sources into the evidence pyramid and customize by specialty.

Best three to five textbooks per specialty are searched.

UMLS-driven search suggestions to better target searches.

Results organized into tabs, sequentially following the levels of the evidence pyramid.

Highlighted abstracts and snippets are displayed on the search results page, making it quick and easy to decide which articles to read.

Inline author conclusions. For Cochrane Systematic Reviews we display author conclusions right on the results page, saving time.

Highest quality curated evidence sources. We currently support targeted searches in these 28 areas of specialty.

Anesthesiology OB/Gyn
Cardiology Ophthalmology
Critical Care Medicine Orthopedics
Dentistry Otolaryngology
Dermatology Pain/Palliative Care
Emergency Medicine Pathology
Gastroenterology/Hepatology Pediatrics
General Medicine Pharmacy
Genomics/Precision Health Psychosocial
Hematology/Oncology Psychiatry
Immunology/Rheumatology Pulmonary
Infectious Disease Radiology
Neurology Surgery
Nursing Veterinary Medicine

Contact us today!
ebm@deepwebtech.com

Deep Web Technologies
1223 S. St. Francis Dr, Ste D
Santa Fe, NM 87505
505.690.3271
815.425.8826 fax
About Deep Web Technologies

Deep Web Technologies creates custom, sophisticated federated search solutions for customers who demand precise, accurate results. Serving Fortune 500 companies, the Science.gov Alliance, the U.S. Department of Energy, and a variety of medical school and hospital libraries, Deep Web Technologies has built a reputation as the “researcher’s choice” for its advanced, agile information discovery tools.

Founded by industry thought-leader Abe Lederman, Deep Web Technologies developed the powerful Explorit Everywhere! to search, retrieve, aggregate and analyze content from deep web databases—data that is inaccessible to general search engines. Designed to simplify the search, retrieval and discovery process for knowledge researchers, Explorit Everywhere! delivers the integrity and credibility high-profile customers need.