

CME Credit through Rutgers' E-Resources

Rutgers University Libraries subscribes to two resources which make CME credits available to users
– ClinicalKey and UpToDate.

ClinicalKey provides information to clinical health care providers via an aggregated content service. It contains full-text access to over 500 Elsevier journals, 1,000 e-books, and 9,000 medical and procedural videos. Additionally, it provides access to clinical practice guidelines, clinical trials, *First Consult* reviews, patient handouts, and the National Library of Medicine's *PubMed* database. The latter covers journal citations and abstracts to the published health sciences journal literature. There are also collections of images, drug monographs, and access to *Procedures Consult*. Users can export content for use in PowerPoint presentations.

User tools and features

When connecting to the ClinicalKey, users are presented with a home page containing a search text box. As the user types in terminology, the ClinicalKey search system presents lists of possible terms which are more specific in nature, e.g. subtopics, journal titles, limits to specific types of publications, such as full-text journal articles. The user may click on any of these terms to generate more specific retrieval OR can type the desired term(s) and click on the magnifying glass icon in order to execute a search of ClinicalKey. Users are initially presented with an overview of their topic if following the second search method described above. Overview material is generally gleaned from e-books and is subdivided into sections, e.g. pharmacology, diagnosis, treatment, etc. Users are presented with an option to "Show All Results" which presents content in relevancy-ranked order. It is possible to have this output sorted and displayed by date (last in, first out) by clicking on an arrow located in the upper right portion of the screen. A "Filter" bar appears in the lower portion of the results screen once a search has been executed. A click on this bar presents users with a brief list of options for filtering results: by source type, specialties, study type, or date. A click on one of these categories provides the user provides users with more specific options for limits within the broader category. For example, a lick on Study Type allows the user to limit the search to systematic reviews, meta-analyses, and other types of articles. Results are displayed 20 citations at a time.

Continuing Education Credit

ClinicalKey offers subscribers FREE Internet Point of Care CME credit for self-directed, structured, online learning. CME credit is provided by the Cleveland Clinic Center for Continuing Education.

Physicians may earn 0.5 AMA PRA Category 1 Credit for each search conducted through ClinicalKey.

How to Earn Credits

A ClinicalKey Personal Account is required to access this content. ClinicalKey may be found at <http://libraries.rutgers.edu/indexes/clinicalkey> or under "Quick Links" on the Smith Library Home page, <http://libraries.rutgers.edu/smith>.

How do I create my User Profile / Personal Account in ClinicalKey?

Go to <http://libraries.rutgers.edu/smith> and go to the "Quick Links" section on the right side of the home page to find a link to ClinicalKey. Select the "Registration" link on the top right corner of the

site. You will be asked to enter a Username (your email address) and a Password. These will serve as your credentials to log in to this resource.

If you are using ClinicalKey through your institution's account via its network or VPN, you are not required to go through the registration or login process to access content. (Preceptors who access this resource from an off-site computer will need to register.) You have direct access to content subscribed to by your institution. However, if you would like access to book PDFs or to personalize the ClinicalKey experience (e.g., Saved Content), you will need to register (create a User Profile/ Personal Account) and log in using those credentials.

ClinicalKey is optimized for both desktop and laptop computers as well as tablets and smartphones.

There is an important connection notice for *UpToDate*: Users may register with any email address as long as they are on a computer on the Rutgers network/IP range in order to download mobile versions of the product. Registration is also required in order to earn CME/CE/CPD credit via UpToDate. A limit of three downloads are allowed per person. **ONLY AUTHORIZED RUTGERS UNIVERSITY USERS MAY ACCESS AND/OR DOWNLOAD THE APP FOR THIS PRODUCT TO A MOBILE DEVICE.** Downloading of the product is not allowed from a computer which is offsite and not on the Rutgers computer network; users will instead be prompted to pay for access.

UpToDate is a point-of-care information resource which contains over 10,000 topics representing 22 specialties. In addition to the e-textbook content, UpToDate contains information on drugs/drug interactions, a library of images and videos, standard medical calculators and decision tools, “practice changing” current information, and training resources. There are multiple links to full-text content and the resource is currently searchable in nine languages.

User tools and features

UpToDate covers 22 specialties and presents information on over 10,000 topics within those specialties. It is searchable via keyword in textbox or by browsing its Table of Contents, which is as follows:

- What's New
- Patient Information
- Authors and Letters
- Allergy and Immunology
- Anesthesiology
- Calculators
- Cardiovascular Medicine
- Calculators
- Drug Information
- Emergency Medicine (Adult and Pediatric)
- Endocrinology and Diabetes
- Family Medicine and General Practice
- Gastroenterology and Hepatology
- General Surgery
- Geriatrics
- Hematology

- Hospital Medicine
- Infectious Diseases
- Nephrology and Hypertension
- Neurology
- Obstetrics, Gynecology, and Women's Health
- Oncology
- Primary Care
- Pediatrics
- Practice Changing Updates
- Primary Care (Adult)
- Psychiatry
- Pulmonary and Critical Care Medicine
- Primary Care Sports Medicine (Adolescents and Adults)
- Rheumatology
- Sleep Medicine

UpToDate is searchable in multiple languages -- Supported languages are as follows: Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Portuguese, and Spanish. UpToDate includes a searchable library of over 28,000 pictures, tables, illustrations, diagrams, graphs, algorithms, and videos. Relevant graphics are also linked in each topic. Graphics may be exported to PowerPoint or e-mailed. The following medical calculators are available (by subject category):

- Adult and Pediatric Emergency Medicine
- Adult Primary Care and Internal Medicine
- Allergy and Immunology
- Cardiovascular Medicine
- Endocrine and Diabetic
- Gastroenterology and Hepatology
- Hematology
- Hospital medicine
- Infectious Diseases
- Nephrology and Hypertension
- Neurology
- Obstetrics, Gynecology, and Women's Health
- Oncology
- Pediatrics
- Psychiatry
- Pulmonary, Critical Care and Sleep Medicine
- Rheumatology

Users should click on "Calculators" on the UpToDate toolbar, then click on "All Calculators" and scroll through to click on the desired instrument. Patient Education materials contained in the product meet the patient-specific Meaningful Use Sate 2 criteria for readability and content. Two types of articles are published: The Basics and Beyond the Basics. The latter are one to three pages in length and follow the principles of Plain Language. The Beyond the Basics articles are five to ten pages in length and contain richer details. Information on drugs and drug reactions is authoritative and is derived from Lexicomp.

Registered users should log in each time they search UpToDate; continuing education credits are available by performing content searches. CME/CE/C/CPD credit is available numerous sources, including the American College of Family Physicians, the American Academy of Pediatrics, the

American College of Emergency Physicians, and for Nurse Practitioners and Physician Assistants. For more information, go to <http://www.uptodate.com/home/cmececpd-accreditations> Registration also allows users to bookmark favorite topics and to view their search history, as well as download the mobile app version of the product. The app may be downloaded from the App Store, Google play, Amazon app store for Android, and the Windows store. Learn more at <http://www.uptodate.com/home/uptodate-mobile-access>. New and returning users can register/log in at the “Log In” prompt located in the upper right corner of the UpToDate home page.