

Surgery for Engineers Helpful Resources

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BioMed Central - Open access to peer-reviewed biomedical research articles.

BioMedical Engineering Online - Open access, peer-reviewed, online journal.

ClinicalTrials.gov - data from unpublished studies/trials, results and protocols.

Encyclopedia of Biomaterials and Biomedical Engineering, 2nd ed.
Engineering & Science Library Reference Books area: R857 .M3E53 2008, 4 volumes.

Google Scholar - Try the Advanced Scholar Search. Look for: Carnegie Mellon Fulltext.

JAMA , the Journal of the American Medical Association

Print issues available at Engineering & Science Library.

Email sciref@andrew.cmu.edu to obtain login for recent issues.

National Library of Medicine - Biomedical Research & Information guide.

New England Journal of Medicine Engineering & Science Library:
Print issues available. Most recent issues also available online via 2 Library computers.

→ **University of Pittsburgh Library System**

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Try the “Subject Guide Search” for Biomedical Engineering.

Access Science – Research updates, “Medicine” “Engineering & Materials” categories.

Annual Reviews – Annual Review of Biomedical Engineering.

Engineering Village includes: **Compendex** Engineering Index back to 1884 (can also search with **Inspec + NTIS**) – interdisciplinary bibliographic engineering database.

Credo Reference – medical dictionaries and encyclopedia entries.

Encyclopedia of Medical Devices & Instrumentation

IEEE Xplore – conference proceedings: *IEEE Transactions on Biomedical Engineering*.

Kirk-Othmer Encyclopedia of Chemical Technology – up-to-date topics.
Summaries include applied chemical science and biotechnology.

Knovel – 3,000 full-text manuals, handbooks, & encyclopedias + data analysis tools.

MetaLib – multiple database search. Try *Basic Search*: “Engineering/Tech” category.

PubMed – U.S. National Library of Medicine/National Institutes of Health.
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Scopus – abstract & citation database with 45.5 million records.

Synthesis Digital Library – Synthesis Lectures on Biomedical Engineering.

Testing & Education Reference Center – MCAT and other graduate practice tests.

U.S. Patents (USPTO) – United States Patent and Trademark Office [Research Guide](#)
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