

University of South Alabama

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Biofeedback Newsletter

Charles M. Baugh Biomedical Library

Spring 1989

Biofeedback - Spring 1989

Biomedical Library Staff

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Free Do-It-Yourself Medline Searching

CORE MEDLINE ON CD-ROM

The USAMC location of the Biomedical Library has received CORE MEDLINE, a compact disk containing bibliographic references and abstracts to 575 of the most heavily used journals indexed in MEDLINE (Index Medicus). This compact disk database contains references for the past two years, plus the current update. Unlike database searching, which requires the use of telephone lines to access a computer housed elsewhere, CORE MEDLINE is accessed through a PC and compact disk player housed locally. Because of this, there are no telecommunication charges and use of the disk is free to Library patrons.

Searching is relatively easy because of various menu screens which support options for novice, experienced and professional searchers. Help screens are available throughout the program. A tutorial is helpful in learning and library staff may also be consulted.

Results from a search may either be copied on a printer or downloaded to the user's floppy disk.

This technology will not replace online searching of MEDLINE because the database contains only about one fifth of the journals indexed on MEDLINE and would not yield a comprehensive search. However, when a user needs a few good recent articles on a subject, CORE MEDLINE is a quick, free way to search the literature.

CORE MEDLINE is available whenever the Medical Center Library is staffed. If you have any questions about using CORE MEDLINE, please call or come by the Library.

PHOTOCOPIER SERVICE

The Biomedical Library has automated its photocopier services by replacing the auditron system with state-of-the-art prevalued magnetic cards. If you have not received information about this change, please call Linda Dunn at 460-7043.

LIBRARY SERVICE NUMBERS

General Information, Reference, and Circulation:	
Campus	460-7043
USAMC	471-7855

Administration	460-7043
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Interlibrary Loans	460-6276
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Acquisitions (Books and Journals)	460-7043
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Cataloging	460-6276
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REGULAR HOURS

Biomedical Library (3rd floor Main Library Building, Campus)	
Monday-Thursday	8 am - 8 pm
Friday	8 am - 5 pm
Saturday	9 am - 5 pm
Sunday	1 pm - 10 pm

USAMC Branch (1st floor Mastin Building)	
Monday- Thursday	7 am - 10 pm
Friday	7 am - 5 pm
Saturday	8 am - 5 pm
Sunday	2 pm - 10 pm

Interim and holiday hours will be posted.

JOURNAL MOVE

In accordance with the policy of maintaining a ten year run of journals at the USAMC branch, the library is now transferring the 1977 volumes to the campus location of the Biomedical Library.

University of South Alabama

Biomedical Library

BIOFEEDBACK



SDI SERVICE OFFERED

What is it? SDI stands for Selective Dissemination of Information, a service for keeping you current on the latest developments in a selected subject area. A computer search strategy, tailored to your subject specifications, is stored in the computer at the National Library of Medicine. Each month this stored search is automatically run against the latest articles added to the MEDLINE database and the search results are sent to you.

Advantages:

- * Provides an automatic monthly printout of citations on your subject without any further effort on your part.
- * Keeps you one month ahead of Index Medicus.
- * The flat fee for the year helps with budget planning.
- * Less expensive than requesting a separate search update each month.
- * Abstracts and Medical Subject Headings are available for most articles.
- * Can help you monitor the publications of selected authors.

How to request:

Come to the Library or call 460-7043 and ask for a MEDLINE searcher, Monday through Friday, 8am-5pm. A customized search strategy will be formulated, refined if necessary, and then stored for future processing.

Cost:

Charges for new SDI's are \$3.00 per month for the rest of 1989, plus the cost of the initial search. The annual fee for ongoing searches is \$36.00. This fee is billed in November for the upcoming year.

SELECTED RECENT ACQUISITIONS

* Denoted items located at the Medical Center location of the Biomedical Library.

WB Practice of Medicine

*Rau, J. L. Respiratory care pharmacology. 3rd ed.
WB 342 R239r 1989

WE Musculoskeletal System

*McCarty, D. J. ed. Arthritis and allied conditions. 11th ed.
WE 344 A7866 1989

WG Cardiovascular System

Little, R. C. Physiology of the heart and circulation. 4th ed.
WG 202 L778p 1989

*Sait, T. ed. Cardiovascular anesthesia and postoperative care. 2nd ed.
WG 460 C268 1989

WI Gastrointestinal System

*Sleisenger, M. H. ed. Gastrointestinal diseases. 3rd ed.
WI 100 G2587 1988 v. 1-2

WP Gynecology

*DiSaia, P. J. Clinical gynecologic oncology. 3rd ed.
WP 145 D611c 1989

WO Surgery

*Zollinger, R. M. Atlas of surgical operations. 6th ed.
WO 517 C989a 1988

WR Dermatology

*Arndt, K. A. Manual of dermatologic therapeutics. 4th ed.
WR 650 A747m 1989

WW Ophthalmology

*Mandel, E. R. Atlas of corneal disease.
WW 17 M271a 1989

WY Nursing

Fawcett, J. Analysis and evaluation of conceptual models of nursing. 2nd ed.
WY 100 F278a 1989

BIOFEEDBACK New Series Spring 1989 Issue #3

The Biomedical Library Biofeedback, a publication of the University of South Alabama, is published at irregular intervals. Editor: Virginia Vail. Contributors to this issue were: Robert Donnell and Geneva Bush. Comments should be addressed to: Virginia Vail, Biomedical Library, University of South Alabama, Mobile, AL 36688.

FACULTY PUBLICATIONS

Listed below are journal publications by USA Faculty indexed in Medline for the period January through April 1989. This list is generated from the address given in the journal for the first listed author. If we missed your latest contribution to the literature, please let us know so we can include it in a future listing.

- Aldes, LD; Chronister, RB; Shelton, C 3d; Haycock, JW; Marco, LA and Wong, DL. Catecholamine innervation of the rat hypoglossal nucleus. *Brain Research Bulletin* 21:305-312, 1988.
- Ardell, JL; Randall, WC; Cannon, WJ; Schmacht, DC and Tasdemiroglu, E. Differential sympathetic regulation of automatic, conductile, and contractile tissue in dog heart. *American Journal of Physiology* 255:H1050-H1059, 1988.
- Austin, FE and Winkler, HH. Proline incorporation into protein by *Rickettsia prowazekii* during growth in Chinese hamster ovary (CHO-K1) cells. *Infection and Immunity* 56:3167-3172, 1988.
- Barman, SA; Ardell, JL; Parker, JC; Perry, ML and Taylor, AE. Pulmonary and systemic blood flow contributions to upper airways in canine lung. *American Journal of Physiology* 255:H1130-H1135, 1988.
- Bastian, FO; Baliga, BS and Pollock, HM. Evaluation of [³H]thymidine uptake method for studying growth of spiroplasmas under various conditions. *Journal of Clinical Microbiology* 26:2124-2126, 1988.
- Bennett, BD and Gardner, WA Jr. Prostatic crystalloids. *JAMA* 260:2287, 1988.
- Chronister, RB; Walding, JS; Aldes, LD and Marco, LA. Interconnections between substantia nigra reticulata and medullary reticular formation. *Brain Research Bulletin* 21:313-317, 1988.
- Cohen, MV; Matsuki, T and Downey, JM. Pressure-flow characteristics and nutritional capacity of coronary veins in dogs. *American Journal of Physiology* 255:H834-H846, 1988.
- Cooper, SD; Brady, MB; Williams, JP; Pilgreen, KL; Harp, DL and Weissmann, JR. Neurosarcoidosis: evaluation using computed tomography and magnetic resonance imaging. *Journal of Computed Tomography* 12:96-99, 1988.
- Cornwell, TL and Lincoln, TM. Regulation of phosphorylase A formation and calcium content in aortic smooth muscle and smooth muscle cells: effects of atrial natriuretic peptide II. *Journal of Pharmacology and Experimental Therapeutics* 247:524-530, 1988.
- Cornwell, TL and Lincoln, TM. Regulation of intracellular Ca²⁺ levels in cultured vascular smooth muscle cells. Reduction of Ca²⁺ by atriopeptin and 8-bromo-cyclic GMP is mediated by cyclic GMP-dependent protein kinase. *Journal of Biological Chemistry* 264:1146-1155, 1989.
- Cumberland, GD and Riddick, L. Cure for the AA battery blues. Six-volt battery pack from previously discarded Polaroid batteries. *American Journal of Forensic Medicine and Pathology* 9:265-266, 1988.
- Curran, JG; Blunck, CE; Brink, J; Harbury, O; Phillips, CD and Fulp, CF. Communication from the A3CR2. Resident perception of problem issues. *Investigative Radiology* 23:950-954, 1988.
- Day, T; Yeoman, RR; Nelson, G and Ferrara, JJ. Influence of mastectomy technique on sex steroid receptor analysis. *American Journal of Surgery* 156:446-449, 1988.
- Dempsey, PJ. The importance of resolution in the clinical application of breast sonography. *Ultrasound in Medicine and Biology* 14:43-48, 1988.
- Green, WJ and Green, AE Jr. Large pelvic mass in a patient with neurofibromatosis [clinical conference]. *Investigative Radiology* 23:772-774, 1988.
- Gussack, GS and Jurkovich, GJ. Treatment dilemmas in laryngotracheal trauma. *Journal of Trauma* 28:1439-1444, 1988.
- Harada, H; Allo, S; Viyuoh, N; Azuma, J; Takahashi, K and Schaffer, SW. Regulation of calcium transport in drug-induced taurine- depleted hearts. *Biochimica et Biophysica Acta* 944:273-278, 1988.
- Harpen, MD. The density matrix formalism of nuclear relaxation: a review. *Medical Physics* 15:538-550, 1988.
- Hughes, JJ and Wilder, WM. Computed tomography of renal sarcoidosis. *Journal of Computer Assisted Tomography* 12:1057-1058, 1988.
- Kayes, SG; Jones, RE and Omholt, PE. Pulmonary granuloma formation in murine toxocarosis: transfer of granulomatous hypersensitivity using bronchoalveolar lavage cells. *Journal of Parasitology* 74:950-956, 1988.
- Lincoln, TM; Cornwell, TL; Rashatwar, SS and Johnson, RM. Mechanism of cyclic-GMP-dependent relaxation in vascular smooth muscle. *Biochemical Society Transactions* 16:497-499, 1988.
- Lincoln, TM; Thompson, M and Cornwell, TL. Purification and characterization of two forms of cyclic GMP-dependent protein kinase from bovine aorta. *Journal of Biological Chemistry* 263:17632-17637, 1988.
- Longenecker, GL; Beyers, BJ; Bowen, RJ and King, T. Human rhabdomyosarcoma cell-induced aggregation of blood platelets. *Cancer Research* 49:16-19, 1989.
- Maertens, P; Richardson, R; Bastian, F; William, F and Williams, JP. A new type of mitochondrial encephalomyopathy with stroke-like episodes due to cytochrome oxidase deficiency. *Journal of Inherited Metabolic Disease* 11:186-188, 1988.
- Miura, T and Downey, JM. The percentage of the ischemic risk zone infarcting following permanent coronary occlusion is independent of ischemic zone size. *Japanese Heart Journal* 29:359-366, 1988.
- Nolan, PE and Bass, JB. New drugs for treating lung infection. *Chest* 94:1076-1079, 1988.
- Perry, M and Taylor, AE. Phorbol myristate acetate-induced injury of isolated perfused rat lungs: neutrophil dependence. *Journal of Applied Physiology* 65:2164-2169, 1988.

- Pindak, FF; Mora de, Pindak M; Gardner, WA Jr and Abee, CR. Basic properties of *Tritrichomonas mobilensis* hemagglutinin. *Journal of Clinical Microbiology* 26:1460-1463, 1988.
- Porter, KB. Evaluation of arterial oxygen saturation of the newborn in the labor and delivery suite. *Journal of Perinatology* 7:337-339, 1987.
- Rodning, CB. Humor and healing: a creative process. *Pharos of Alpha Omega Alpha Honor Medical Society* 51:38-40, 1988.
- Rodning, CB. Medical College of Alabama in Mobile, 1859-1920: a legacy of Dr Josiah Clark Nott. *Southern Medical Journal* 82:53-63, 1989.
- Schaffer, SW; Mozaffari, MS; Artman, M and Wilson, GL. Basis for myocardial mechanical defects associated with non-insulin-dependent diabetes. *American Journal of Physiology* 256:E25-E30, 1989.
- Smith, SB; Hashimi, W and Yielding, KL. Retinal degeneration in the mouse induced transplacentally by N-methyl-N-nitrosourea: effects of constant illumination or total darkness. *Experimental Eye Research* 47:347-359, 1988.
- Takahashi, K; Azuma, J; Awata, N; Sawamura, A; Kishimoto, S; Yamagami, T; Kishi, T; Harada, H; Schaffer, SW. Protective effect of taurine on the irregular beating pattern of cultured myocardial cells induced by high and low extracellular calcium ion. *Journal of Molecular and Cellular Cardiology* 20:397-403, 1988.
- Thomas, WO 3d; Ferrara, JJ and Rodning, CB. A retrospective analysis of inferior vena caval filtration for prevention of pulmonary embolization. *American Surgeon* 54:726-730, 1988.
- Townsley, MI; Parker, JC; Longenecker, GL; Perry, ML; Pitt, RM and Taylor, AE. Pulmonary embolism: analysis of endothelial pore sizes in canine lung. *American Journal of Physiology* 255:H1075-H1083, 1988.
- Whalin, ME; Strada, SJ and Thompson, WJ. Purification and partial characterization of membrane-associated type II (cGMP-activatable) cyclic nucleotide phosphodiesterase from rabbit brain. *Biochimica et Biophysica Acta* 972:79-94, 1988.
- Winkler, HH and Daugherty, RM. Phospholipase A activity associated with the growth of *Rickettsia prowazekii* in L929 cells. *Infection and Immunity* 57:36-40, 1989.

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