

condition and in its view of the true purpose of the psychotherapeutic enterprise.

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HARRISON'S ON CD-ROM

13th edition. CD-ROM with manual, 58 pp. Edited by Kurt J. Isselbacher, Joseph B. Martin, Eugene Braunwald, Anthony S. Fauci, Jean D. Wilson, and Dennis L. Kasper. System needed: IBM PC or compatible computer with a CD-ROM drive, and at least 2 megabytes available hard-disk space, 4 megabytes RAM, and Windows version 3.0 or higher. (Also available for Macintosh systems.) New York, McGraw-Hill, 1995. \$195. ISBN 0-07-026896-7.

HARRISON'S PLUS: HARRISON'S ON CD-ROM LINKED TO THE U.S. PHARMACOPEIA'S DRUG INFORMATION AND MORE

13th edition. CD-ROM with manual, 58 pp. Edited by Kurt J. Isselbacher, Joseph B. Martin, Eugene Braunwald, Anthony S. Fauci, Jean D. Wilson, and Dennis L. Kasper. System needed: IBM PC or compatible computer with a CD-ROM drive, and at least 2 megabytes available hard-disk space, 4 megabytes RAM, and Windows version 3.0 or higher. (Also available for Macintosh systems.) New York, McGraw-Hill, 1995. \$395. ISBN 0-07-864134-9.

Major medical textbooks have recently started to appear in full text on CD-ROM. This new form of technology offers superior searching capability, with split-second retrieval time, compact storage (i.e., an entire shelf of medical books can be put on a single disk), frequent updates, and the ability to print out and rearrange the text. For some internists these CD-ROMs may be their first encounter with this medium.

The *Harrison's* CD-ROM contains the textbook itself, whereas the *Harrison's Plus* CD-ROM contains two distinct parts: the textbook and the *U.S. Pharmacopeia's Drug Information*, a drug-information data base. We shall describe each of these parts separately.

Harrison's CD-ROM contains the full text and illustrations of the 13th edition of *Harrison's Principles of Internal Medicine*. Also included are Medline abstracts of selected references.

In addition to using the index or chapter list (both of which are available in these electronic versions), one can also search for an item with the use of strings of text (key terms or phrases). One major difficulty with searching a 2500-page comprehensive medical textbook is the huge number of matches for almost any subject or combination of subjects. For example, the word "anemia" produced 659 matches, "Marfan syndrome" produced 38 matches, and even the combination of "hypertension" and "proteinuria" yielded 18 matches. Clearly this is a confusing situation. How can a user decide which matches are the relevant ones? Fortunately, the search module provides the user with four effective tools to solve this problem. First, there is the "smart match." When one chooses this unique option, the software automatically calculates a relative relevance score for each match and ranks the matches from the most to the least relevant, presenting the top 20.

A second option is "match summary." In this option the entire match list is presented as a condensed chapter list. Only the parts, chapters, and sections of the book that contain matches are listed. For example, for the word "pneumocystis," the output match summary listed only the relevant parts

of the book, such as those covering infectious diseases and disorders of the respiratory system, and within each part only the sections containing matches were listed. Since our original purpose in this case was to find out about *Pneumocystis carinii* in the context of bone marrow transplantation, we chose the hematology and oncology part mentioned and found two matches: a chapter on leukemias and a chapter on bone marrow transplantation.

A third option is to refine the search query. Suppose you searched for matches for the word "anemia" using the smart-match option and found 659 matches ranked according to their relevancy. Browsing through this list, you find a chapter on anemia due to decreased red-cell production and, while reading it, you decide you want to concentrate on anemia related to folic acid deficiency. This feature of the package enables you to highlight the relevant words (in this case "folic acid") and cross-search this new item with the original search, narrowing the number of matches to 15.

The fourth option is the precision bar. When two or more terms are combined, the precision-bar setting determines how far apart the terms can be in the text and still qualify as a match. For example, when we searched for the term "hemorrhagic shock" with the proviso that "all the search terms must appear within the section," there were 22 matches. Narrowing the search down by changing the precision-bar setting so that "all search terms must occur in exact adjacent sequence" resulted in four matches.

A very useful addition to the text is the inclusion of Medline abstracts for selected references, allowing users to read the abstract by merely clicking on the highlighted references that appear at the end of each chapter. However, we found that abstracts are available for only a small number of references. Thus, out of approximately 10,000 journal references cited in *Harrison's*, only about 15 percent include abstracts. We hope that in future editions all such references will be accompanied by an abstract.

Although the photographs of the color atlases are fully reproduced on screen, their overall quality on a Super VGA monitor is somewhat poorer than that of the actual textbook. Moreover, since photographs must be retrieved one by one, we found the handling of color plates to be a minor drawback of the program.

The *Harrison's Plus* CD-ROM contains the full text of the monographs appearing in the *U.S. Pharmacopeia's Drug Information*. This portion of *Harrison's Plus* is updated semiannually, and the buyer is entitled to two free updates in the first year. Older versions will eventually expire, entering a "soft expiration" mode, in which the save and clipboard (copy and paste) options are no longer available. The searching, viewing, and printing options, however, remain active so that the data base remains accessible. The *Harrison's* portion of the CD remains unaffected by the expiration.

The drug data base can be entered by highlighting a drug's name in the *Harrison's* text, causing the drug monograph to appear on the screen, or by an independent search of the *U.S. Pharmacopeia's Drug Information*.

The package performs very well on a 486 PC with a double-speed CD-ROM drive, although the process of retrieving tables and abstracts is somewhat slow. The software is supported on networks for both the IBM PC and Macintosh systems. An important advantage of this CD is the ability to print sections of the text from both *Harrison's* and the *U.S. Pharmacopeia's Drug Information*. This feature is useful both as a teaching aid and for inclusion in patients' files.

We found the search module of this CD-ROM very suitable for medical textbooks, but less so for searching through drug

data bases. The latter can be managed more effectively by search modules that incorporate specific functions for various categories such as side effects, indications, and contraindications. However, the additional cost of the computerized drug data base in this package is less than that of some of the more sophisticated drug data bases.

The convenience of reading large sections of text from a computer screen is problematic. Since *Harrison's* is both a ref-

erence source and a basic textbook for many medical students, residents, and fellows, the question remains whether the CD-ROM version can entirely replace the printed version of the book.

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BOOKS RECEIVED

The receipt of these books is acknowledged, and this listing must be regarded as sufficient return for the courtesy of the sender. Books that appear to be of particular interest will be reviewed as space permits. The Journal does not publish unsolicited reviews.

BIOMEDICAL SCIENCE

Biological and Molecular Aspects of Mast Cell and Basophil Differentiation and Function. Edited by Yukihiro Kitamura, Shoso Yamamoto, Stephen J. Galli, and Malcolm W. Greaves. 270 pp. New York, Raven Press, 1995. \$69. ISBN 0-7817-0314-X.

Collins and Lyne's Microbiological Methods. Seventh edition. By C.H. Collins, Patricia M. Lyne, and J.M. Grange. 493 pp. Boston, Butterworth-Heinemann, 1995. \$59.95. ISBN 0-7506-0653-3.

Human Embryology. By M.J.T. FitzGerald and Maeve FitzGerald. 251 pp., illustrated. Philadelphia, Baillière Tindall, 1995. \$29. ISBN 0-7020-1760-4.

EDUCATION, HISTORY, BIOGRAPHY, AND PUBLIC PRESS

Algorithmic Diagnosis of Symptoms and Signs: Cost-effective approach. By R. Douglas Collins. 625 pp. New York, Igaku-Shoin, 1995. \$35. ISBN 0-89640-283-5.

All about Eve: The complete guide to women's health and well-being. By Tracy Chutorian Semler. 588 pp. New York, HarperCollins, 1995. \$16. ISBN 0-06-273248-X.

Cuttin' the Body Loose: Historical, biological, and personal approaches to death and dying. By William Joseph Gavin. 235 pp. Philadelphia, Temple University Press, 1995. \$16.95. ISBN 1-56639-298-5.

A Dictionary of Epidemiology. Third edition. Edited by John M. Last, with five others. 180 pp. New York, Oxford University Press, 1995. \$16.95. ISBN 0-19-509668-1.

Evolution and Healing: The new science of Darwinian medicine. By Randolph M. Nesse and George C. Williams. 291 pp. New York, Times Books, 1995. \$24. ISBN 0-8129-2224-7.

Examining Your Doctor: A patient's guide to avoiding harmful health care. By Timothy B. McCall. 384 pp. New York, Birch Lane Press, 1995. \$22.50. ISBN 1-55972-282-7.

The Invisible World: Early modern philosophy and the invention of the microscope. By Catherine Wilson. 280 pp. Princeton, N.J., Princeton University Press, 1995. \$39.50. ISBN 0-691-03418-4.

The Lupus Book: A guide for patients and their families. By Daniel Wallace. 250 pp. New York, Oxford University Press, 1995. \$25. ISBN 0-19-508443-8.

The Medical Mandarins: The French Academy of Medicine in the nineteenth and early twentieth centuries. By George Weisz. 306 pp. New York, Oxford University Press, 1995. \$55. ISBN 0-19-509037-3.

HEALTH POLICY

American Medicine: The quest for competence. By Mary-Jo DelVecchio Good. 265 pp. Berkeley, University of California Press, 1995. \$35. ISBN 0-520-08896-4.

Balancing Act: The new medical ethics of medicine's new economics. By E. Haavi Morreim. 184 pp. Washington, D.C., Georgetown University Press, 1995. \$17.95. ISBN 0-87840-584-4.

Life Choices: A Hastings Center introduction to bioethics. Edited by Joseph H. Howell and William F. Sale. 537 pp. Washington, D.C., Georgetown University Press, 1995. \$28.95. ISBN 0-87840-577-1.

Your Money or Your Life: The economics of health care. By Giuseppe Lepore. 230 pp. Kingston, Ont., Canada, Kashtan Press, 1995. \$24.95. ISBN 0-9694125-4-1.

MEDICINE

Clinical Decision Making in Colorectal Surgery. By Steven D. Wexner and Anthony M. Vernava, III. 514 pp. New York, Igaku-Shoin, 1995. \$79.50. ISBN 0-89640-262-2.

Colonoscopy: Principles and techniques. By Jeffrey B. Raskin and H. Juergen Nord. 361 pp., illustrated. New York, Igaku-Shoin, 1995. \$89.50. ISBN 0-89640-277-0.

Cytodiagnostic Urinalysis of Renal and Lower Urinary Tract Disorders. By G. Berry Schumann, Janet L. Schumann, and Niels Marcussen. 200 pp., illustrated. New York, Igaku-Shoin, 1995. \$139. ISBN 0-89640-243-6.

Hair and Scalp Disorders: Common presenting signs, differential diagnosis and treatment. By Rodney Dawber and Dominique Van Neste. 262 pp., illustrated. Philadelphia, J.B. Lippincott, 1995. \$69.50. ISBN 0-397-51421-2.

Important Advances in Oncology 1995. Edited by Vincent T. DeVita, Jr., Samuel Hellman, and Steven A. Rosenberg. 257 pp. Philadelphia, J.B. Lippincott, 1995. \$89.50. ISBN 0-397-51493-X.

Infections of the Gastrointestinal Tract. Edited by Martin J. Blaser, Phillip D. Smith, Jonathan I. Ravdin, Harry B. Greenberg, and Richard L. Guerrant. 1578 pp., illustrated. New York, Raven Press, 1995. \$245. ISBN 0-7817-0226-7.

Practical Guide to Anorectal Testing. Second edition. Edited by Lee E. Smith. 327 pp. New York, Igaku-Shoin, 1995. \$69.50. ISBN 0-89640-278-9.

Women's Primary Health Care: Office practice and procedures. Edited by Vicki L. Seltzer and Warren H. Pearce. 825 pp., illustrated. New York, McGraw-Hill, 1995. \$65. ISBN 0-07-056225-3.

NEUROLOGY AND PSYCHIATRY

Brain Repair. By Donald G. Stein, Simon Brailowsky, and Bruno Will. 139 pp. New York, Oxford University Press, 1995. \$19.95. ISBN 0-19-57642-7.

Compassion Fatigue: Coping with secondary traumatic stress disorder in those who treat the traumatized. (Brunner/Mazel Psychosocial Stress Series. No. 23.) Edited by Charles R. Figley. 268 pp. New York, Brunner/Mazel, 1995. \$35.95. ISBN 0-87630-759-4.

Psychiatry and Criminal Culpability. By Ralph Slovenko. 436 pp. New York, John Wiley, 1995. \$55. ISBN 0-471-05425-9.

True and False Allegations of Child Sexual Abuse: Assessment and case management. Edited by Tara Ney. 371 pp. New York, Brunner/Mazel, 1995. \$45.95. ISBN 0-87630-758-6.

PATHOLOGY

Pathology of Melanocytic Nevi and Malignant Melanoma. By Raymond L. Barnhill, with contributions by Klaus J. Busam. 294 pp., illustrated. Boston, Butterworth-Heinemann, 1995. \$130. ISBN 0-7506-9504-8.

PEDIATRICS

Heart Disease in Paediatrics. Third edition. By S.C. Jordan and Olive Scott. 364 pp. Boston, Butterworth-Heinemann, 1995. \$140. ISBN 0-7506-0537-5.

PHARMACOLOGY AND SUBSTANCE ABUSE

Achievement and Addiction: A guide to the treatment of professionals. By Edgar P. Nace. 245 pp. New York, Brunner/Mazel, 1995. \$32.95. ISBN 0-87630-753-5.

REPRODUCTIVE BIOLOGY AND OBSTETRICS AND GYNECOLOGY

Obstetrics and Gynecology Review 1995. By Harrison H. Sheld. 545 pp. New York, McGraw-Hill, 1995. \$48. ISBN 0-07-057114-7.

SPECIAL SERVICES

Lifestyle Management for Patients with Coronary Heart Disease. (Current Issues in Cardiac Rehabilitation. Monograph No. 2.) By Nancy Houston Miller and Craig Barr Taylor. 134 pp. Champaign, Ill., Human Kinetics, 1995. \$21. ISBN 0-87322-441-8.

Metcalc Software: Metabolic calculations in exercise and fitness. By Nelson K. Ng. 3.5" diskette with booklet, 96 pp. System needed: IBM PC or compatible computer. Champaign, Ill., Human Kinetics, 1995. \$25. ISBN 0-87322-527-9.

SURGERY

Endoscopy of the Colon, Rectum, and Anus. By James M. Church. 430 pp., illustrated. New York, Igaku-Shoin, 1995. \$129.50. ISBN 0-89640-264-9.

Outline of Ophthalmology. Second edition. By Roger Coakes and Patrick Holmes Sellors. 177 pp., illustrated. Boston, Butterworth-Heinemann, 1995. \$30. ISBN 0-7506-1769-1.

Practical Flexible Sigmoidoscopy. By Lawrence B. Cohen, Paul M. Basuk, and Jerome D. Wayne. 177 pp., illustrated. New York, Igaku-Shoin, 1995. \$54.95. ISBN 0-89640-272-X.

The Practice of Thoracic Anesthesia. Edited by Edmond Cohen. 596 pp. Philadelphia, J.B. Lippincott, 1995. \$69.50. ISBN 0-397-51421-2.

The Refractory Glaucomas. By Fathi El Sayyad, George L. Spaeth, M. Bruce Shields, and Roger A. Hitchings. 302 pp., illustrated. New York, Igaku-Shoin, 1995. \$95. ISBN 0-89640-284-3.

Surgical Management in External Diseases of the Eye. By Susan M. Stenson. 327 pp., illustrated. New York, Igaku-Shoin, 1995. \$145. ISBN 0-89640-274-6.

Video Guide to Flexible Sigmoidoscopy. By Lawrence B. Cohen, Paul M. Basuk, and Jerome D. Wayne. VHS videocassette. Running time, 63 minutes. New York, Igaku-Shoin, 1995. \$65. ISBN 0-89640-275-4.