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[Acoem Committee Report]

Recommended Library and Electronic Resources for Occupational and Environmental Physicians

Author Information

The Recommended Library for Occupational and Environmental Physicians was compiled by the Publications Committee of the American College of Occupational and Environmental Medicine (ACOEM). The Library is published here with the permission of the College's Journal of Occupational and Environmental Medicine. Questions regarding the Library should be directed to the ACOEM Publications Department, 55 W Seegers Road, Arlington Heights, IL 60005.

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Abstract

Since 1981, the American College of Occupational and Environmental Medicine (ACOEM) has published a recommended library in the Journal of Occupational and Environmental Medicine. Compiled by ACOEM's Publications Committee, the Library is a selection of suggested texts focusing on the field of occupational medicine and its major subdisciplines. The Committee would like to thank Dr. Robert K. McLellan for compiling the Library.

This new Library is a dramatic departure from previous editions as it clearly identifies a basic core of texts essential for the general practice of occupational and environmental medicine. In addition, certain texts, indicated by an asterisk (*), are considered the best, first purchase in a subject area. For those physicians new to the field of occupational and environmental medicine, the Library will assist them in creating a core curriculum library in the specialty; experienced occupational and environmental physicians can benefit by updating their library with the more advanced texts.

Inclusion in the Library does not signify endorsement by ACOEM. Recommendations regarding future editions are welcome and should be directed to Marianne Dreger, MA, ACOEM's Director of Publications, 55 W Seegers Road, Arlington Heights, IL 60005.

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Basic Core

The following texts are essential to a core library; no other publications are this essential for general practice. In addition, one or two textbooks should be chosen from the Occupational Medicine Textbooks section. For more detailed topic coverage, choose additional resources from the other sections.

Encyclopaedia of Occupational Health and Safety, 3rd ed. International Labor Office/Boyd Printing, 1991.

This two-volume reference provides encyclopedic information on occupational hazards, the injuries and diseases associated with them, and preventive measures. Often the best place to begin research for those who know nothing about workers' exposures except their industry type. Also a good source for information about institutions and organizations active in occupational health and safety (vol. 1, 1176 pages, vol. 2, 2538 pages, hardcover 4th edition due July 1997, along with a CD-ROM version).

Maxcy-Rosenau-Last Public Health and Preventive Medicine, 13th ed. Last JM, Wallace RB, eds. Appleton & Lange, 1992.

The basic textbook of public health-encompasses the essential knowledge about public health and preventive medicine (1257 pages, hardcover, illustrated tables).

Physical and Biological Hazards in the Workplace. Wald P, Stave G. Van Nostrand Reinhold Co, 1994.

Major reference on health risks posed by physical and biological hazards in the workplace. Provides clear, detailed coverage of the many components of each hazard. Designed as a companion to Proctor and Hughes' Chemical Hazards in the Workplace. Offers occupational information on how to control, diagnose, and treat conditions caused by exposure to every biological and physical agent encountered in the workplace (511 pages, hardcover, also available on CD-ROM along with Proctor and Hughes' Chemical Hazards in the Workplace).

Proctor and Hughes' Chemical Hazards in the Workplace, 4th ed. Hathaway GJ, Proctor NH, Hughes JP, Fischman ML. Van Nostrand Reinhold Co, 1996.

Classic text addresses 542 chemicals likely to be encountered in various work settings. New to this edition are nearly 100 chemicals, updated chapters and

monographs, and expanded tables and appendices (666 pages, illustrated, tables, hardcover, also available on CD-ROM with Physical and Biological Hazards in the Workplace).

Occupational Medicine Textbooks

Most physicians will want to choose one general text. Although each text has its own style, they overlap content.

Environmental and Occupational Medicine, 2nd ed. Rom WN, ed. Lippincott/Raven, 1992.

Second edition describes diseases by organ systems, discusses workplace and environmental exposures, explains methods of control and prevention. Contains new chapters and topics, including asbestos in public buildings, AIDS in the workplace, hard metal disease, and occupational hazards in the arts (1520 pages, illustrated, clothbound).

Hunter's Diseases of Occupations, 8th ed. Raffle PAB, Adams PH, Baxter PJ, Lee WR, eds. Oxford University Press, 1994.

Substantially revised; new material covers the molecular biology of occupational diseases, metabolism of toxic agents, behavioral toxicology, and epidemiology of occupational disease, as well as its legal and compensatory aspects (1000 pages, illustrated, clothbound).

Occupational and Environmental Medicine, 2nd ed. LaDou J. Appleton & Lange, 1996.

Excellent guide to occupational injuries and illness in the workplace, covering diagnosis, treatment, preventive and remedial measures, and including basic information on toxicology and occupational exposures (594 pages, paperback, illustrated).

Occupational Health: Recognizing and Preventing Work-Related Diseases, 3rd ed. Levy BS, Wegman DH, eds. Lippincott/Raven, 1995.

Thoroughly revised; addresses a wide variety of occupational medical issues in four comprehensive sections, including approaches to recognizing and preventing occupational diseases, hazardous workplace exposures, and occupational diseases by organ system and selected groups of workers. New chapters on shift work and building-related factors (800 pages, illustrated, paperback).

Occupational Medicine, 3rd ed. Zenz C, Dickerson OB, Horvath EP. Mosby, 1994.

Provides guidance on the basic principles of occupational medicine, including clinical administrative and clinical issues and the latest methods of prevention and hazard control (1336 pages, illustrated, hardcover).

A Practical Approach to Occupational and Environmental Medicine, 2nd ed. (formerly the Handbook of Occupational Medicine) McCunney RJ, ed. Lippincott/Raven, 1994.

Fifty revised, expanded chapters, addressing occupational medical services, occupationally related illnesses, how to evaluate a potential health hazard, special problems and opportunities in occupational medicine, and environmental medicine. Peer-reviewed by ACOEM's Publications Committee (856 pages, illustrated, paperback).

Textbook of Clinical Occupational and Environmental Medicine. Rosenstock L, Cullen MR, eds. WB Saunders Co, 1994.

Covers occupational and environmental hazards from a clinician's perspective. Provides guidelines for evaluation and treatment (927 pages, illustrated, hardcover).

General Occupational Medicine and Historical Texts

Diseases of Workers. Ramazzini B. The Latin text of 1713 revised with translation and notes by W. Wright. Classics of Medicine Library, Facsimile of 1940 University of Chicago Press edition. OEM Press, 1995.

The classic occupational medicine history, first published in 1700. Retains its readability. This edition is a facsimile of the New York Academy of Medicine edition of 1940-regarded as the best ever published. In English (534 pages, classic leather-bound edition).

Exploring the Dangerous Trades. Hamilton A. OEM Press, 1995.

An historical recounting of Dr Hamilton's life with a new forward; a reprint of the 1943 edition (433 pages, illustrated, paperback).

Occupational and Environmental Medicine: "Pearls" of the Specialty. Greaves WW, ed. OEM Press, 1996.

A compendium of vignettes that includes clinical findings which are unique to occupational and environmental medicine. Designed to acquaint medical students, residents, and practicing physicians with the specialty of occupational and

environmental medicine (79 pages, paperback).

ACOEM Occupational and Environmental Practice Guidelines: Evaluation and Management of Common Health Problems and Function Recovery in Workers. Harris JS, ed. OEM Press, 1997.

Evidence- and consensus-based guidelines that cover prevention, determination of work-relatedness, diagnostic criteria, appropriate testing and primary treatment, disability management, and delayed recover management (loose-leaf, 8 1/2 x 11, 17 chapters).

General Environmental Medicine

Effects of Indoor Environment on Health. Seltzer JM, ed. In: Occupational Medicine: State of the Art Reviews, vol. 10, no. 1, January 1995, Hanley & Belfus Inc.

Chapters cover biologic contaminants, aerobiology of the indoor environment, ventilation, physical factors in the indoor environment, human susceptibility to indoor contaminants, the sick-building syndrome, the medical evaluation, and the legal aspects of indoor air and health (254 pages, hardcover).

Environmental Medicine-Integrating a Missing Element into Medical Education. Pope AM. Rall DP, eds. Institute of Medicine, National Academy Press, 1995. (Contains bound form of ATSDR Case Studies in Environmental Medicine.)

The most attractive aspect of this book is the part that contains the complete set of the popular ATSDR Case Studies in Environmental Medicine-case-oriented teaching about the medical management of common environmental hazards (975 pages, hardcover).

*Environmental Medicine-Principles and Practice. Brooks SM, Gochfeld M, Herzstein J, Schenker M, Jackson R, eds. Mosby, 1995.

Provides information on the basic principles of environmental medicine, basic science of the discipline, clinical information on how various environmental exposures affect major organ systems of the body, and how to prevent environmentally based diseases and disorders (700 pages, illustrated, hardcover).

Handbook of Environmental Health and Safety, Volume I & II: Principles and Practices, 3rd ed. Koren H, Bisesi M. CRC Press/Lewis Publishers, National Environmental Health Association, 1996.

Focuses on major topics related to the external environment; covers air quality

and air pollution, solid and hazardous waste management, on-site and public water supplies and disposal, swimming areas, plumbing, soils, water pollution and water quality controls, disasters, and environmental health emergencies (each volume is 550 pages, hardcover).

Indoor Air Pollution: A Health Perspective. Samett JM, Spengler JD. Johns Hopkins University Press, 1991.

Outlines current research on indoor air pollution and examines efforts to regulate indoor air quality, the methodologies used in measuring exposures to pollution, strategies for improving indoor air quality, and other issues. The health effects of specific pollutants (tobacco smoke, carbon monoxide, formaldehyde, etc) are also assessed (424 pages, softcover).

Introduction to Indoor Air Quality: A Reference Manual. EPA/400/3-91/003. US Environmental Protection Agency, US Public Health Service, National Environmental Health Association, July 1991. (US Government Printing Office)

Replete with basic details needed by those more deeply involved in indoor air quality issues. Includes many practical tables and resources (297 pages, illustrated, tables, softcover).

Introduction to Indoor Air Quality: A Self-Paced Learning Module. EPA/400/3-91/002. US Environmental Protection Agency, US Public Health Service, National Environmental Health Association, July 1991. (US Government Printing Office)

A superb workbook for independent study that provides a good foundation in all aspects of indoor air quality-from health issues to industrial hygiene and ventilation analysis (120 pages, illustrated, tables, softcover).

Wilderness Medicine: Management of Wilderness and Environmental Emergencies, 3rd ed. Auerbach PS, ed. Mosby, 1995.

Definitive source for information on wilderness- and environmentally related injuries and illnesses. Fifty-seven chapters provide information on interactions between people and the natural environment (1506 pages, hardcover, illustrated).
Administration

*Effective Management of Occupational and Environmental Health and Safety Programs: A Practical Guide. Moser R. OEM Press, 1992.

Offers authoritative answers and practical advice on planning, implementing, and evaluating an occupational and environmental health and safety program;

preparing a budget and obtaining funding; developing a worksite health promotion and disease prevention program; partnering support from senior managers and workers; and preparing to be interviewed by the media (211 pages, illustrated, hardcover).

OEM Occupational Health and Safety Manual, Version 2.0. DiBenedetto DV, Harris JS, McCunney RJ. OEM Press, 1995.

Information on federal regulations and standards, drug-testing, policies and procedures, ethics, confidentiality, mandated record-keeping, emergencies, and medical surveillance. Nine stand-alone sections provide encyclopedic coverage of issues (1000 pages, loose-leaf binder).

Understanding the Americans with Disabilities Act: A Compliance Guide for Health Professionals and Employers. Goldenthal N. OEM Press, 1993.

Focuses directly on the information needed to interpret and implement the Americans with Disabilities Act (ADA). Includes examples to help implement the Act. Contains forms, guides, and checklists, including the complete text of the ADA legislation (450 pages, loose-leaf binder).

Aerospace Medicine

*Fundamentals of Aerospace Medicine, 2nd ed. DeHart R. Williams & Wilkins, 1996.

Divided into five sections (aerospace medicine in perspective, physiology in the flight environment, clinical practice of aerospace medicine, operational aerospace medicine, and the impact of the aerospace industry on community health). New chapters on thermal stress, international aviation medicine, and management of human resources in air transport operations (1020 pages, illustrated).

Communicable Diseases and Travel Medicine

*Control of Communicable Diseases Manual, 16th ed. Benenson AS, ed. American Public Health Association, 1995. (Also available on CD-ROM.)

Pocket-size reference manual covers over 300 communicable diseases. Each entry includes identification, infectious agent, occurrence, mode of transmission, incubation period, susceptibility and resistance, and method of control. Current ICD-9 codes and new ICD-10 codes (577 pages, soft or hardcover).

Health Information for International Travel. Centers for Disease Control and Prevention, 1995. (US Government Printing Office)

Information on international vaccines for those traveling outside the United States (204 pages).

Infectious Diseases. Gorbach SL, Bartlett JG, Blacklow NR. WB Saunders Co, 1992.

Textbook covers all aspects of infectious diseases (2151 pages, hardcover).

International Travel Health Guide. Rose S. Travel Medicine Inc, 1995.

Written to be accessible to the layperson, this guide provides comprehensive prevention information invaluable to the traveler and those involved in providing travel medicine. Updated annually with disease-specific information, the guide offers regional disease risk summaries, country-by-country health advisories, a list of air ambulance companies, and a listing of 600 clinics for travelers in the United States and Canada (455 pages, softcover).

*The Travel and Tropical Medicine Manual, 2nd ed. Jong EC, McMullen R. WB Saunders Co, 1995.

Provides information on malaria, traveler's diarrhea, immunizations, the HIV-infected traveler, the medical aspects of mountaineering, Lyme disease, travel during pregnancy, etc (552 pages, illustrated, softcover).

Dermatology

Clinical Dermatology-A Guide to Diagnosis and Therapy, 3rd ed. Habif TP. Mosby, 1996.

A practical guide to the accurate diagnosis and treatment of skin disorders, packed with more than 1000 illustrations for facilitating visual recognition of skin disease. The CD-ROM provides a searchable format that allows practitioners to develop differential diagnoses based on features of the physical examination such as distribution and type of lesion (898 pages, illustrated, hardcover, also available on CD-ROM).

Contact and Occupational Dermatitis. Marks JG, DeLeo VA. Mosby, 1992.

Comprehensive reference covering the basic concepts needed to pinpoint potential culprits and zero in on the correct diagnosis (352 pages, illustrated, hardcover).

*Occupational Skin Disease, 2nd ed. Adams RM. WB Saunders Co, 1990.

Reviews the importance of occupation in the causation of dermatologic disease

(723 pages, illustrated, hardcover).

Ear, Nose, and Throat

*Occupational Hearing Loss, 2nd ed. Sataloff RT, Sataloff J. Marcel Dekker Inc, 1993.

Entirely rewritten and updated to reflect the latest methods for the diagnosis and treatment of hearing loss and the most recent practices in initiating a hearing conservation program (856 pages, hardcover, illustrated).

Occupational Hearing Loss. Morata TC, Dunn DE, eds. In: Occupational Medicine: State of the Art Reviews, Vol. 10, No. 3, July 1995. Hanley & Belfus Inc.

Chapters cover the impact of occupational hearing loss on the lives of workers, the biologic bases of noise-induced hearing loss, the use of animal models in the study of the effects of noise on hearing, effects of industrial solvents on hearing, and economic compensation for hearing loss (194 pages, hardcover, illustrated).

Epidemiology and Biostatistics

Epidemiology in Medicine. Hennekens CH, Buring JE. Lippincott/Raven, 1987.

Written from a combined perspective of clinical medicine and biostatistics.

Discusses the methods of epidemiologic study design and analysis and illustrates its discussion with many timely clinical and public health examples. For general practitioners, family physicians, and other practitioners whose practices emphasize prevention and public health (400 pages, hardcover).

*Occupational Epidemiology, 2nd ed. Monson RR. CRC Press/Lewis Publishers, 1990.

Basic introduction to epidemiology with an emphasis on the relationship between occupation and a variety of illnesses. Contains case studies (372 pages, hardcover).

*Statistical Analysis of Epidemiologic Data. Selvin S. Oxford University Press, 1991.

Uses actual data to develop an understanding of analytic approaches to epidemiological data analysis without relying on sophisticated mathematics or advanced statistical theory. A basic introduction to biostatistics (375 pages, hardcover).

A Study Guide to Epidemiology and Biostatistics, 3rd ed. Morton RF, Hebel JR,

McCarter RJ. Aspen Publishers, 1990.

An excellent board-review study guide; includes study notes, exercises, and multiple-choice exams (198 pages, paperback).

Fitness for Duty

*Fitness for Work: The Medical Aspects, 2nd ed. Cox RAF, Edwards FC, McCallum RI. eds. Oxford University Press, 1995.

New edition provides essential information for those who advise patients on their suitability for work, whether because the job requires a certain level of physical strength or stamina or for when they return after an operation or illness. Combines the expertise of clinical specialists and occupational medicine physicians to offer practical guidelines on a wide range of disorders and situations (568 pages, paperback).

Worker Fitness and Risk Evaluations. Himmelstein JS, Pransky GS, eds. In: Occupational Medicine: State of the Art Reviews, vol. 3, no. 2, April 1988, Hanley & Belfus Inc.

Chapters cover decision-making, ethical considerations, and legal considerations in worker fitness evaluations; job evaluation; cardiovascular conditions; low back pain; soft tissue disorders of the upper extremities; the evaluation of pulmonary fitness and risk; psychiatric conditions; reproductive fitness and risk; and dermatologic considerations (196 pages, hardcover).

Health Promotion and Screening

*Guide to Clinical Preventive Services: An Assessment of the Effectiveness of 169 Interventions. Report of the US Preventive Services Task Force, 2nd ed. Williams & Wilkins, 1995.

Presents guidelines on the best possible use of preventive screening, counseling, and immunizations to provide cost-effective patient care, according to patient age and risk status. Material has been completely updated and incorporates the latest recommendations from the Task Force. Seven new chapters reflect recent guidelines, including information on evaluations of interventions for many of the most important preventable disease entities and health issues (504 pages, softcover).

*Health Promotion in the Workplace, 2nd ed. O'Donnell MP, Harris JS, eds. Delmar Publishers/ITP, 1994.

Offers a framework for studying workplace health promotion. Sections cover the

reasons health promotion makes sense, describe the organizational role in developing and offering a program, discuss the levels of change possible in a workplace program, and describe the type of programs used to operationalize health promotion (534 pages, hardcover).

Health Promotion and Disease Prevention in Clinical Practice. Woolf SH, Jonas S, Lawrence R, eds. Williams & Wilkins, 1995.

A practical and easy-to-use reference, addresses health risk assessment and critical elements of the history, physical examination, and laboratory tests for various conditions. Discusses the design of an individual health management plan (576 pages, hardcover).

Industrial Hygiene

*Threshold Limit Values and Biological Exposure Indices for 1995 to 1996. American Conference of Governmental Industrial Hygienists, 1995.

Threshold limit values (TLVs) and biological exposure indices (BELs) are listed in this pocket-sized handbook. Recommendations or guidelines are presented for more than 700 chemical substances, physical agents, and biological exposure determinants. Chemical abstract service (CAS) is listed with each chemical service (144 pages, softcover).

Documentation of the Threshold Limit Values and Biological Exposure Indices, 6th ed. American Conference of Governmental Industrial Hygienists, 1993.

Provides the basic rationale for the development of threshold limit values for chemical substances and physical agents and of biological exposure indices for selected chemicals (1800 pages, hardcover).

Fundamentals of Industrial Hygiene, 4th ed. Plog BA. National Safety Council, 1996.

Covers monitoring, recognition, evaluation, and control of workplace health hazards. OSHA regulations, professional standards, permissible exposures, and workers' right-to-know information included (915 pages, illustrated, hardcover).

*NIOSH Pocket Guide to Chemical Hazards. US Department of Health and Human Services, Public Health and Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, 1994.

NIOSH presents exposure limits for 398 hazardous chemicals in this guidebook. Includes updated sampling and analytical methods, flammability/combustibility

ratings, and specific gravities (245 pages, softcover).

Patty's Industrial Hygiene and Toxicology, 3rd rev. ed. Clayton GD, Clayton FE, eds. Volume I, A & B; Volume II, A-F, 1994; Volume III A & B, 4th ed, Cralley LJ, Cralley LV, eds. 1994, John Wiley & Sons Inc.

Volume 1 (A & B), a guide to the concepts of industrial hygiene and toxicology, focuses on environmental safety and hazard control to include conditions beyond the workplace. Volume 2 (A, B, C, D, E, F), wide-ranging and up-to-date, provides reliable and comprehensive guide to toxins commonly found in industrial settings. Volume 3 (A & B) provides on-the-job guidance from leading industrial hygienists. New edition explores all the latest innovations concerning the work environment (various pages, hardcover).

Quick Selection Guide to Chemical Protective Clothing, 2nd ed. Forsberg K, Mansdorf SZ. Van Nostrand Reinhold Co, 1993.

Color-coded to 600 hazardous chemicals, with breakthrough times and permeation rates for 19 suits and 10 gloves. Contains essential information on the selection of chemical protective clothing (100 pages, softcover).

*Recognition of Health Hazards in Industries: A Review of Materials and Processes, 2nd ed. Burgess WA. John Wiley & Sons Inc, 1995.

New edition of an authoritative and practical guide to identifying major health issues in the workplace, complete with an overview of common control approaches. Contains detailed surveys of work tasks in a wide range of industries, enabling readers to recognize health problems in facility design and operation and to relate medical symptoms to job exposure. Includes new discussion of microelectronics, chemical processing, and plastics fabrication; increased coverage of published exposure information; and epidemiologic and other health status studies (608 pages, hardcover).

Ergonomics

Beyond Biomechanics-Psychosocial Aspects of Musculoskeletal Disorders in Office Work. Moon SD, Suater SL. Taylor & Francis, 1995.

Discusses the role of non-physical factors in work-related pain problems. Offers a bridge between mind and muscle by insisting that "psychosocial" does not imply "imagined." Explores issues beyond traditional biomechanics, and biomedicine into the realm of the psychological, social, organizational, cultural, and motivational (320 pages, clothbound or paperback).

*Ergonomics for Beginners: A Quick Reference Guide. Dul J, Weerdmeester B. Taylor & Francis, 1993.

A practical introduction to the field of ergonomics and applying ergonomics to the worksite. Discusses designing work for human satisfaction as well as for human feasibility (146 pages, softcover).

Ergonomic Design for People at Work. Vols. I and II. Eastman Kodak Co, Van Nostrand Reinhold Co, 1986.

Designed to help readers develop safe and efficient job performance. Step-by-step design examples and case studies illustrate how to promote healthier work practices, prevent accidents, evaluate human capabilities, and analyze work activities for harmful effects (Vol. 1, 406 pages, 1989; Vol. 2, 603 pages, 1989; paperback).

Occupational Biomechanics, 2nd ed. Chaffin DB, Andersson GBJ. John Wiley & Sons Inc, 1991.

Reveals how to work and design work tools and workplaces for optimal productivity and safety (518 pages, illustrated, hardcover).

Legal Issues in Medicine

Testifying in Court: A Guide for Physicians, 3rd ed. Horsley JE, Carlova J. Practice Management Information Corp, 1988.

Chapters cover how to serve as an effective witness, how to act toward the judge and jury, what you can and can't reveal about a patient, how to handle a tough cross-examiner, and a special appendix on a malpractice trial seen through the jury's eyes (143 pages, hardcover).

Musculoskeletal Medicine

The Comprehensive Guide to Work Injury Management. Isernhagen SJ, ed. Aspen Publishers, 1995.

Covers injury-prevention programs, early intervention of injury, the evaluation and treatment of chronic problems, and pre-employment and preplacement screening and return-to-work process (854 pages, illustrated, hardcover).

Occupational Hand and Upper Extremity Injuries and Diseases. Kasdan ML, ed. Hanley & Belfus Inc, 1991.

Especially useful to occupational health practitioners are chapters covering

motivation, pain, psychology, legal aspects, back-to-work considerations, and ergonomics (600 pages, illustrated, hardcover).

*Occupational Injuries: Evaluation, Management and Prevention. Herington TN, Morse LH, eds. Mosby, 1995.

Some overlap with basic occupational medicine books, but valuable for non-musculoskeletal injuries; very clinically oriented (512 pages, illustrated, hardcover).

Occupational Low Back Pain: Assessment, Treatment and Prevention. Pope MH, Andersson, GBJ, Frymoyer JW, Chaffin DB. Mosby, 1991.

Combines current scientific knowledge and its practical applications to the evaluation and treatment of low back pain (343 pages, illustrated, hardcover).

Office Orthopedics for Primary Care: Diagnosis and Treatment. Anderson BC. WB Saunders Co, 1995.

Provides concise, complete information on the diagnosis and treatment of the most commonly encountered outpatient orthopedic problems. Includes reference table of supports, braces, and casts, and home physical therapy exercise sheets (190 pages, illustrated, softcover).

Orthopedic Physical Assessment, 2nd ed. Magee DJ. WB Saunders Co, 1992.

Organized by body sites-presents a systematic approach to orthopedic assessment coupled with a rationale for each procedure used. Guidelines given for each step in the evaluation process including history-taking, physical examination, functional assessment, and radiographic examination (671 pages, hardcover, illustrated).

Musculoskeletal Disorders in the Workplace: Principles and Practice. Nordin M, Andersson G, Pope M. Mosby, 1997.

Covers biomechanics, ergonomics, diagnosis, and treatment of orthopedic disorders. Rehabilitation of injured workers and how to identify and modify problems are discussed (688 pages, illustrated, hardcover).

Work-Related Musculoskeletal Disorders: A Reference for Prevention. Kuorinka I, Hagberg M, Silverstein B, Wells R, et al. Taylor & Francis, 1995.

Derived from the original research and field experience of a Canadian government-sponsored project. Examines the work-relatedness of musculoskeletal disorders and provides

approaches for the prevention of work-related musculoskeletal disorders (314 pages, paperback).

Psychiatry

*Mental Health in the Workplace. Kahn JP. Van Nostrand Reinhold Co, 1993.

Makes clear the usefulness of psychiatry for workplace problems, bridging the gap between psychiatry and the workplace. Addresses workplace aspects of common psychiatric disorders, emotional problems caused by organizational events such as job loss (462 pages, hardcover).

Reproductive Medicine

*Occupational and Environmental Reproductive Hazards: A Guide for Clinicians. Paul M, ed. Williams & Wilkins, 1993.

Provides an effective clinical approach for managing occupational and environmental reproductive hazards. Organized into three sections: basic principles of reproductive toxicology, potential effects of specific exposures, and clinical assessment and interventions (448 pages, illustrated).

Reproductive Hazards. Gold EB, Lasley BL, Schenker MB. In: Occupational Medicine: State of the Art Reviews, Volume IX, 3, July 1994, Hanley & Belfus Inc.

Topics include a clinical approach to male and female reproductive problems, occupational hazards to male and female reproduction and fertility and pregnancy outcome, issues in regulatory protection of reproductive health in the workplace, congenital malformations related to occupational reproductive hazards, and workplace policy on hazards to reproductive health (559 pages, hardcover).

Respiratory Medicine

Asthma in the Workplace. Bernstein IL, Chan-Yeung M, Mallo JL, Bernstein DL. Marcel Dekker Inc, 1993.

Explores the clinical, epidemiologic, and pathophysiologic investigations of airways diseases, emphasizing diagnosis and detailing all known causative agents. Discusses the main workplace settings associated with occupational asthma (664 pages, illustrated, hardcover).

Environmental Respiratory Diseases. Cordasco EM Sr, Zenz C, Demeter SL. Van Nostrand Reinhold Co, 1994.

Evaluates the environmental and occupational causes of lung disease. Covers a full range of essential topics such as sources of contamination to routine pulmonary testing, environmental lung cancer, and reactive airways dysfunction syndrome (448 pages, illustrated, hardcover).

*Occupational and Environmental Respiratory Diseases. Harber P, Schenker M, Balmes J, eds. Mosby, 1995.

An authoritative reference for the diagnosis, management, and prevention of occupational and environmental respiratory disorders. Addresses all aspects of disease management and follow-up, including diagnostic methods, specific industries, and causative agents of concern, modern clinical management of specific disorders, and regulatory, administrative and public health issues. Includes coverage of the increasingly prevalent problem of environmental disorders, specific industries and causative agents, and the hot-button subjects of pulmonary impairment, disability, and compensation (1000 pages, illustrated, hardcover).

Occupational Lung Diseases, 3rd ed. Morgan WKC, Seaton A. WB Saunders Co, 1995.

Fully revised and updated; describes pulmonary diseases caused by occupational environments and includes guidance on the investigation and management of these diseases. Sections on prevention, asbestos-related diseases, legal aspects of occupational lung disease, and the present judicial process (680 pages, illustrated, hardcover).

Occupational Lung Disorders, 3rd ed. Parkes WR. Butterworth-Heinemann, 1994.

Comprehensive work on occupationally-related diseases of the lungs correlates the complexities of industrial processes with a medical appraisal of their effects on the lung (672 pages, illustrated, hardcover).

Safety

Basic Guide to Accident Investigation and Loss Control. Vincoli J. Van Nostrand Reinhold Co, 1994.

Addresses responsibilities, principles, tools, and techniques involved in accident investigation and loss control, from planning and preparation to system safety applications. Provides information sources (254 pages, hardcover).

The Behavior-Based Safety Process: Managing Involvement for an Injury-Free Culture, 2nd ed. Krause TR, Hidley JH, Stanley JH. Van Nostrand Reinhold Co, 1996.

A step-by-step approach to implementing a mechanism that provides continuous improvement in safety performance (300 pages, hardcover).

*On the Practice of Safety. Manuele FA, Von Nostrand Reinhold Co, 1993.

Provides insights into the fundamental principles and practices that are transforming the practice of safety as a discipline and a solid understanding of evolving, vital issues (288 pages, hardcover, to be reprinted in August 1997).

The Values-Based Safety Process: Improving Your Safety Culture with a Behavioral Approach. McSween TE. Van Nostrand Reinhold Co, 1995.

Features worksheets, checklists, and decision guidelines to expedite planning and implementation; provides tools and step-by-step procedures to create an effective behavioral safety process tailored to any company's operation and needs (288 pages, hardcover).

Substance Abuse and Drug Testing

The Medical Review Officer's Guide to Drug Testing. Swotinsky RB, Van Nostrand Reinhold Co, 1992.

Presents, with the help of illustrative tables, checklists, and recording forms, effective ways to detect drug abuse in the workplace, to set-up effective procedures for collecting and reviewing drug specimens, and to help addicted employees find professional help (246 pages, softcover).

Toxicology

ATSDR Toxicological Profiles. US Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, Agency for Toxic Substances and Disease Registry. (Also available on CD-ROM.)

Series of comprehensive review monographs of the toxicology of specific chemicals (various pages, compiled on CD-ROM as a single source).

*Casarett and Doull's Toxicology: The Basic Science of Poisons, 5th ed. Amdur MO, Doull J, Klaassen CD, eds. McGraw-Hill, 1995.

This completely updated, comprehensive guide to modern toxicology includes information on general principles, specific toxic agents, environmental toxicology, and applications of toxicology including new coverage of risk assessment (1056 pages, illustrated, hardcover).

Ellenhorn's Medical Toxicology: Diagnosis and Treatment of Human Poisoning, 2nd ed. Ellenhorn MJ. Williams & Wilkins, 1996.

Five major sections cover principles of poison management, drugs, the home, chemicals, and natural toxins. The management of poisoned patients is reviewed (2300 pages, illustrated, hardcover).

*Goldfrank's Toxicological Emergencies, 5th ed. Goldfrank LR, Flomenbaum NE, Lewin NA, et al, eds. Appleton & Lange, 1994.

Comprehensive reference for the emergency physician, poison information specialist, internist, and pediatrician, with information on toxicologic emergencies and related environmental problems for immediate management of poisoning. Utilizes an organ system approach to medical toxicology and presents a clinical approach to treatment. Includes case studies, workbook section with self-assessment questions, and a diagnostic checklist for major diseases and syndromes (1589 pages, illustrated).

*Hazardous Chemicals Desk Reference, 4th ed. Lewis RJ. Van Nostrand Reinhold Co, 1996.

Quick-access guide to key information on the hazardous properties of approximately 6000 chemicals. Updated, expanded fourth edition contains 900 new entries (1600 pages, hardcover).

Hazardous Materials Toxicology: Clinical Principles of Environmental Health. Sullivan JB Jr, Krieger GR, eds. Williams & Wilkins, 1992.

Covers the principles of environmental health and applies them to clinical practice. Emphasis is on the health and safety aspects of hazardous materials exposures, combines the clinical principles of environmental health, emergency medical response, and occupational medicine (1266 pages, illustrated, hardcover).

Industrial Chemical Exposure: Guidelines for Biologic Monitoring, 2nd ed. Lauwerys RR, Hoet P. CRC Press/Lewis Publishers, 1993.

Practical guide summarizes what is known about biological monitoring for inorganic and organometallic substances and discusses biological methods available for assessing exposure to organic substances (336 pages, hardcover).

Managing Hazardous Materials Incidents, Volume I, Emergency Medical Services. US Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry.

This guide is intended to help emergency medical services plan for incidents that involve hazardous materials and improve their ability to respond to these incidents appropriately. The text outlines principles for hazard recognition, chemical exposure, and personal protective equipment (73 pages, softcover).

Managing Hazardous Materials Incidents, Volume II, Hospital Emergency Departments. US Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry.

This guide is intended to help hospital emergency departments plan for incidents that involve hazardous materials and improve their ability to respond to these incidents appropriately. The text outlines principles for hazard recognition, chemical exposure, and personal protective equipment (75 pages, softcover).

Managing Hazardous Materials Incidents-Medical Management Guidelines for Acute Chemical Exposures, Volume III. US Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry.

Although each volume stands alone, together the trilogy provides a thorough, off-the-shelf-plan for all medical providers potentially involved in a Hazmat incident. The third volume contains fact sheets, medical management guidelines, and patient education about a number of specific chemicals (looseleaf, 8 1/2 x 11, approximately 300 pages in various segments).

Sax's Dangerous Properties of Industrious Materials, 9th ed. Lewis, RJ. Van Nostrand Reinhold Co, 1996. (Also available on CD-ROM with Hawley's Condensed Chemical Dictionary by Lewis.)

Classic reference on potentially hazardous materials. New information on respirators, biological data, European data, RCRA numbers, indoor air quality, sick-building syndrome, and hazardous biological agents of concern to industry (5000 pages, three-volume set, hardcover).

Toxicology Desk Reference: The Toxic Exposure and Medical Monitoring Index, 3rd ed. Ryan RP, Terry CE, eds. Taylor & Francis, 1996. (Also available on CD-ROM).

Each entry lists common sources of exposure, toxicology, clinical manifestations, appropriate biological and medical monitoring tests, and relevant federal and state regulations. This time-saving compendium is cross-referenced with over 4500 entries covering synonyms, trade names, and foreign names (2000 pages, softcover).

Workers' Compensation and Disability Evaluation

Disability Evaluation. Demeter SL, Anderson GBJ, Smith GM, eds. Mosby, 1996.

Designed by the American Medical Association to complement the Guides to the Evaluation of Permanent Impairment, this book broadens the view of impairment and disability evaluation to disability management. The text provides the legal and managerial frameworks in which impairment and disability evaluations are requested and used (656 pages, hardcover).

*Guides to the Evaluation of Permanent Impairment, 4th ed. American Medical Association, 1993.

Provides a standardized source for determining degree of impairment in any organ system. New features include information on state workers' compensation, pain and spine/lower extremity evaluation, clarification of permanent impairment evaluation principles, information on impairing effects of pharmaceuticals, rejection of therapy, and transplantation (339 pages, illustrated, hardcover).

How to Write a Winning Workers' Compensation Report: A Programmed Text. Smith GL. OEM Press, 1995.

An ideal companion to American Medical Association's Guides to the Evaluation of Permanent Impairment, 4th ed. Includes strategies for constructing, formatting, and writing "winning" workers' compensation reports under every state and federal system. Designed for self-instruction. Case studies and an examination included (144 pages, paperback).

The Medical Disability Advisor: Workplace Guidelines for Disability Duration, 2nd ed. Reed P. Reed Group, Ltd, 1994.

Provides access to average minimum and maximum length of disability for common injuries and illnesses. Expanded second edition includes 150 additional diagnoses/procedures, new duration tables, detailed anatomy sections with medical illustrations, an expanded glossary of medical terminology, more comprehensive alphabetical and ICE-9CM indexes, corresponding CPT codes for each medical/surgical procedure; and corresponding DSM-III-R codes for psychiatric diagnoses (946 pages, softcover).

*Workers' Comp Management from A to Z: A "How To" Guide with Forms. Menzel NN. OEM Press, 1994.

Written in an easy-to-understand style for quick reading and rapid application; includes 37 ready-to-use forms. Based on the concept that prevention is more

effective than treatment and that all workplace injuries and illnesses are preventable. Step-by-step approach allows systematic organizational change while communicating effectively with health care workers, insurance adjusters, safety professionals, and regulators (224 pages, spiral-bound).

Primary Peer-Reviewed Journals

Journal of Occupational and Environmental Medicine (complimentary for ACOEM members)-Williams & Wilkins Occupational and Environmental Medicine (formerly British Journal of Industrial Medicine)-BMJ Publishing Group

Advanced

American Industrial Hygiene Journal-published by the American Industrial Hygiene Association

American Journal of Industrial Medicine-published by John Wiley & Sons Inc

Annals of Occupational Hygiene-published by Elsevier Science Publishers

Archives of Environmental Health-published by Heldref Publications

International Archives of Occupational and Environmental Health-published by Springer Verlag

Journal of Toxicology-Clinical Toxicology-published by Marcel Dekker

Scandinavian Journal of Work, Environment and Health-published by the Finnish Institute of Occupational Health

Electronic Media

Handbook of Occupational Health and Safety Software, Version 10.0, Peterson KW, ed. American College of Occupational and Environmental Medicine, 1997.

This directory provides descriptions, uses, hardware requirements, training, user support, costs, and other details for software programs (450 pages, spiral-bound).

CD-ROM

BNA's Safety Library on CD. Bureau of National Affairs Inc, 1994.

A collection of resources, including laws, regulations, related documents, and analysis covering OSHA information.

CCINFO. Canadian Centre for Occupational Health and Safety.

Databases include RTECS, NIOSHTIC, several chemical and MSDS databases, and pesticide information.

OSHA CD-ROM. US Department of Labor, Occupational Safety and Health Administration, US Government Printing Office, Quarterly updates.

All OSHA regulations, the OSHA Act, technical information, fact sheets, hazard information, compliance officer field manual, and other hard-to-find OSHA documents.

*Physicians' SilverPlatter: Occupational and Environmental Medicine. SilverPlatter Education Inc, Quarterly updates.

More than 630,000 citations and abstracts from occupational and environmental medicine journals and general medical literature on two CD-ROMs that can be searched on a desktop computer. Citations and abstracts extracted from general medical journals (JAMA, New England Journal of Medicine, British Medical Journal), based on their relevance to occupational and environmental medicine. Search by author, journal title, words or phrases, or headings from National Library of Medicine's MeSH thesaurus.

TOMES Plus. Micromedex Inc.

Extensive collection of hazardous chemical databases that provide information on the emergency treatment of exposures by health care professionals, first responders, and safety personnel. Databases include the Hazardous Substance Database, the NIOSH Pocket Guide, RTECS, and Reprotox.

Internet Sources

1997 OEM Internet Companion. Leopold RS. OEM Press, 1997.

Provides addresses and descriptions for 538 web sites, including the National Library of Medicine and World Health Organization. Includes an introduction to the Internet and information search strategies (330 pages, softcover).

Publishers

For your convenience in ordering publications, the Library includes the names, addresses, and telephone numbers of the publishers of the selected texts. Publishers' addresses are current as of April 20, 1997. Publishers often merge or move their customer-service operations. The American College of Occupational and Environmental Medicine (ACOEM) is not responsible for any errors in the publishers listing.

Agency for Toxic Substances & Disease Registry (ATSDR); Executive Park Bldg 4;
Ste 2300, MS-E57; Atlanta, GA 30329; 404/639-6357

American Industrial Hygiene Association; 2700 Prosperity Ave Ste 250; Fairfax,
VA 22031; 703/849-8888

American Medical Association (AMA); Order Processing; PO Box 7046; Dover, DE
19903; 800/621-8335 or 312/464-5000

American Conference of Governmental Industrial Hygienists (ACGIH); Resource and
Information Center; Kemper Woods Center; 1330 Kemper Meadow Dr; Cincinnati, OH
45240; 513/742-2020

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Philadelphia, PA 19175; 215/351-2400

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Tower; Denver CO 80222; 303/756-9090

National Institute for Occupational Safety and Health; NIOSH Publications; 4676
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