

Occupational And Environmental Medicine

This book provides a link between occupational health and clinical practice. Besides being a valuable starting point for health professionals with an interest in occupational medicine as well as those intending to specialize in occupational medicine, the book will be a useful guide for all those who are interested in occupational medicine practice, including medical students at various levels, occupational health nurses, general practitioners, and more senior professionals in occupational medicine. In other words, it is for all who have committed themselves to the best practice for the health of working people. The first edition is now used in occupational health training courses in several countries, such as Singapore, Malaysia, Indonesia, Vietnam and Jordan. The second edition is an extensively revised and updated version, with several new contributors and new material. The contributors are a mix of international and regional occupational health specialists and clinicians. The contents of the book have been streamlined to appear in two sections. The editors have retained the approach of examining occupational health issues and concerns from the standpoint of clinical presentations of the different organ systems. Clinically oriented chapters form Section 1. Section 2 comprises other issues of special interest to occupational health practitioners, such as screening and routine medical examinations, health promotion at the workplace, assessment of disability for compensation, medical planning and management of industrial disasters, and prevention of occupational diseases. Several changes have directly resulted from feedback from readers of the first edition. Among them are the inclusion of new chapters on occupational infections, the health of corporate travelers, shiftwork, and occupational health standards and legislation. As before, case studies have been incorporated in the chapters to make clear the relevant issues.

Provides health professionals with a single, accessible, and interesting source to prepare for the field of occupational and environmental medicine. The new edition is extensively updated and includes questions for review in preparation for taking examinations. This book is designed to be a thorough introduction to the field for physicians entering the field, whether preparing for specialty examinations or moving into the field from other medical specialties or from primary care. It also serves as a convenient guide for nurses and other health professionals and a reference for professionals outside healthcare who need a quick orientation. The book is written with a strong and coherent point of view about the value of occupational and environmental medicine, and commitment to ethical, worker-centered practice. It is unusual in the depth of its coverage; its inclusion of important topics that are usually overlooked in textbooks of the field, such as risk science; its emphasis on good management of occupational health services; and its thorough integration of material that fits topics together rather than presenting them as if they were separate and unrelated. Covers all topics in the OEM board Specialty Examination Includes an appendix with sample questions from the Specialty Examination Is written by an internationally-recognized expert Lists essential resources for OEM physicians in an appendix

PROPOSAL DESCRIPTION: Now in its updated Fourth Edition, this classic text provides comprehensive coverage of all aspects of occupational and environmental medicine. The book offers accurate, current information on the history, causes, prevention, and treatment of a wide range of environmental and occupational diseases and includes numerous case studies. This edition includes more information on gene-environment interactions. The section on air pollution has been completely reorganized. Other Fourth Edition highlights include expanded coverage of government responses to the field and a new chapter on children's environmental health. Now in its updated Fourth Edition, this classic text provides comprehensive coverage of all aspects of occupational and environmental medicine. The book offers accurate, current information on the history, causes, prevention, and treatment of a wide range of environmental and occupational diseases and includes numerous case studies. This edition includes more information on gene-environment interactions. The section on air pollution has been completely reorganized. Other Fourth Edition highlights include expanded coverage of government responses to the field and a new chapter on children's environmental health.

Textbook of Clinical Occupational and Environmental Medicine W B Saunders Company

Praise for Previous Editions: "This splendid book [...] is authoritative, well written, and ably edited." - Occupational & Environmental Medicine "The book provides a logical, structured exposition of a diverse multidisciplinary speciality, employing a language and format designed to educate the novice student and seasoned practitioner alike - a vital contribution to the field." - New England Journal of Medicine Occupational and environmental contributions to the occurrence of disease and injury represent a core component of public health and health care. Factors in the workplace and the ambient environment have significant impacts on individual and community health. Occupational and Environmental Health is a comprehensive, practical textbook for understanding how work and environment influence individual and population health. Comprising 40 chapters written by national and international experts, this book combines theory and practical insights to help readers effectively recognize and prevent occupational and environmental disease and injury.

Comprehensive and meticulously updated, this reference makes it easy to detect, diagnose, and treat problems caused by occupational or environmental factors. International experts offer guidance on clinical problems and legal and regulatory issues pertaining to occupational and environmental medicine.

New edition of a comprehensive text: an ideal resource for the occupational health professional! An updated and comprehensive guide to occupational and environmental injuries and illnesses, their diagnosis and treatment, and preventive measures in the workplace and community. Complete and concise, this clinically focused book is the go-to reference for health care professionals in all specialties who diagnose and treat acute and chronic occupational and environmental injuries and illnesses. In addition to clinical management and toxicology, the text covers important aspects of multidisciplinary occupational health and safety practice including ethical principles, disability management, workers' compensation, medical monitoring, and health risk assessment. This new edition features new chapters on the impact of

climate change on workers, the changing nature of work, Total Worker Health, workplace violence, pediatric environmental health, genetic toxicology and responder safety and health latest approaches to prevent workplace-related injuries through the application of ergonomic principles updated practical information on the toxic properties and clinical manifestations of industrial materials and environmental agents.

This new edition of Occupational and Environmental Medicine concentrates more on the newer kinds of occupational disease including those (like "RSI" and pesticide poisoning) where exposure and effects are difficult to understand. There is specific emphasis on work, health and wellbeing, with links to public health, health promotion, the value of work, disabled people at work, the aging workforce, vocational rehabilitation, evidence-based practice, and further chapters on the health effects of climate change and of occupational health and safety in relation to migration and terrorism.

This book discusses occupational injuries and illnesses and investigates epidemics, HIV infections, radiation, diseases due to nutritional deficiency, sociodemographic factors and world health

People are increasingly concerned about potential environmental health hazards and often ask their physicians questions such as: "Is the tap water safe to drink?" "Is it safe to live near power lines?" Unfortunately, physicians often lack the information and training related to environmental health risks needed to answer such questions. This book discusses six competency based learning objectives for all medical school students, discusses the relevance of environmental health to specific courses and clerkships, and demonstrates how to integrate environmental health into the curriculum through published case studies, some of which are included in one of the book's three appendices. Also included is a guide on where to obtain additional information for treatment, referral, and follow-up for diseases with possible environmental and/or occupational origins.

A comprehensive overview of occupational and environmental medicine that links theory to practice and brings new insights into a challenging and constantly changing field of medicine. • 26 chapters in three volumes focusing on principles of occupational and environmental medicine, central issues, and practice • Dozens of illustrations, all created by the author • Resources and noteworthy readings in every chapter point to relevant print and online resources • A comprehensive index

A thorough, concise, up-to-date guide to the diagnosis and treatment of common occupational and environmental injuries and diseases A Doody's Core Title for 2019! Coverage includes: Chapters on how to conduct an occupational and environmental medical history, examine the patient, evaluate exposures, and prevent further injury and illness New methods of disability management and the important role that physicians can play in preventing disability Practical information on the toxic properties and clinical manifestation of common industrial materials Techniques to prevent acute and cumulative workplace-related injuries Detailed discussion of international occupational and environmental health, and issues of worker migration An appendix that concisely introduces the important topics of biostatistics and epidemiology LANGE The definitive overview of common occupational and environmental illnesses NEW CHAPTERS on electronic health records, the management of chronic pain, violence in the workplace, terrorism preparedness, disease surveillance, and chemical policy Valuable to practicing physicians as well as students and residents

Newly updated, Agricultural Medicine: Rural Occupational Health, Safety, and Prevention, Second Edition is a groundbreaking and comprehensive textbook and reference for students and practitioners of public health, and professionals in the field of rural agricultural occupational health and safety. The book introduces specific occupational and environmental health and safety issues faced by agricultural workers and rural residents, and provides a roadmap to establishing sustainable worker and public health support in agricultural communities. Responding to reader demand, Agricultural Medicine, Second Edition now features more case studies, key point summaries, and new international perspective chapters comparing North American health and agricultural practices to those in Europe, the Asia Pacific, and South America. Agricultural health and safety engages a multidisciplinary team of medical professionals, veterinarians, safety professionals, engineers, sociologists, epidemiologists, and psychologists, for whom this book serves as an essential resource.

"This compendium of [36] vignettes ... includes the clinical findings that are unique to occupational and environmental disorders as well as approaches to their management and prevention. ... [Also focuses] on the basic science underlying the practice of occupational and environmental medicine as well as on administrative issues ... [e.g.] health and safety regulations, ... public health requirements, and ethical standards" --p.xiii.

Designed to be used as a textbook and presents basic information for health professionals.

Now in its revised and updated Second Edition, this volume is the most comprehensive and authoritative text in the rapidly evolving field of environmental toxicology. The book provides the objective information that health professionals need to prevent environmental health problems, plan for emergencies, and evaluate toxic exposures in patients. Coverage includes safety, regulatory, and legal issues; clinical toxicology of specific organ systems; emergency medical response to hazardous materials releases; and hazards of specific industries and locations. Nearly half of the book examines all known toxins and environmental health hazards. A Brandon-Hill recommended title.

The field of medicine which deals with the maintenance of health in the workplace is known as occupational medicine. It aims at preventing and treating the injuries and diseases in one's workplace along with the maintenance and increase in the productivity and social adjustment. Some of the common occupational diseases are occupational asthma, contact dermatitis, overuse syndrome, carpal tunnel syndrome, computer vision syndrome, lead poisoning and radiation sickness. Environmental medicine is a sub-field of environmental health. It includes the study of the interactions between the environment and human health. It also studies the role of environment in causing illnesses in humans. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of occupational and environmental medicine. It is a compilation of chapters that discuss the most vital concepts and emerging trends in the field of occupational and environmental medicine. This book includes contributions of doctors and experts which will provide innovative insights into this field.

Occupational medicine is a branch of medicine that deals with the maintenance of health in the workplace. It includes the prevention and treatment of diseases and injuries. It is dynamic in the field of occupational health and safety and aims to prevent diseases and promote wellness among workers. Environmental medicine, on the other hand, is an interdisciplinary field that involves the discipline of medicine, chemistry, environmental science, etc. Environmental medicine is concerned with the prevention of food-borne and water-borne infections. Some of the factors involved in causing environmental diseases are physical, chemical, biological and social factors. The scope of this domain comprises of the interaction between human health and the environment and the role the environment plays in causing and mediating diseases. This book studies, analyzes and upholds the pillars of occupational and environmental medicine and its utmost significance in modern times. It presents researches and studies performed by experts across the globe. Students, researchers, experts and all associated with these domains will benefit alike from this book.

The Praeger Handbook of Occupational and Environmental Medicine captures the full scope of this discipline in a way no other

comprehensive work can match. It combines three volumes on the underlying principles of occupational and environmental medicine (OEM), central issues, and practice insights. Together, they span the entire field of occupational and environmental medicine, including its scientific foundation in epidemiology and toxicology, the critical, often-overlooked discipline of risk science, management of common medical problems, and practical issues such as management and workers' compensation. The Praeger Handbook of Occupational and Environmental Medicine will be welcomed by students and OEM practitioners, including crossover physicians working toward board certification. Focused on the daily realities of OEM and addressing a number of controversial issues, this work makes it clear why this field is so important to public health

Up-to-the-minute, thorough, clinical coverage of common and important occupational and environmental diseases, injuries, and exposures Complete, yet concise, this clinically focused guide offers the definitive overview of common occupational and environmental illnesses, covering their diagnosis and treatment-plus preventive and remedial measures in the workplace and community. With its practical format and emphasis on fundamental topics, CURRENT Occupational and Environmental Medicine is just as essential for students and residents as it is for practicing physicians. You can count on the new fourth edition to deliver the bottom-line answers you need to stay on track in this complex, fast-breaking field. Features: The latest OSHA/NIOSH guidelines for occupational exposure standards Detailed diagnostic checklist for major diseases, injuries, and exposure that help expedite diagnosis and treatment The most clinically relevant perspectives on disability prevention-required reading for the occupational physician Skill-building insights on the importance of ergonomics in the workplace A step-by-step review of how to effectively manage an occupational health and safety program Details on substance abuse and employee assistance programs, health risk analysis, and the legal aspects of occupational and environmental medicine Preventive approaches to terrorist attacks on industry Information-packed primer on epidemiology and biostatistics for the occupational and environmental health specialist Up-to-date references with PMID numbers and peer-reviewed websites

This cohesive, well-organized reference represents a one-stop source for expert information on the international aspects of clinical care and management, travel medicine, region-specific health care systems, public health issues and implementation and management of overall region-specific systems. With the increasing numbers of international businesses coming into existence, this book has compiled the necessary information which will serve to anticipate and troubleshoot problems that emerge in the international business setting. Specialists from more than 10 countries provide expert, legally sound advice on design, implementation and management of overall and region-specific programs related to environmental or occupational medicine. * Presents a global perspective from a multi-national group of experts. * Includes advice on appropriate clinical care and management of region-specific programs, which leads readers into setting up their own specifically tailored plans. * Contains practical information so readers can assess corporate risk and health care costs. * Features "International Health Care Systems" that cover more than 130 countries and provinces. * Provides information on resources available in countries around the globe, for convenient reference or research.

Documents both environmental and work-related causes of lung disease Unlike other books on the subject, this new volume approaches occupational and environmental lung disease from the starting point of the patient who comes to the physician with respiratory symptoms. The authors recognize that potentially harmful exposures occur not only in the work environment, but also as a result of hobbies or other leisure activities, or from outdoor air pollution, and it is up to the physician to identify whether a particular job or hobby is the cause of the patient's respiratory symptoms. To help you arrive at a differential diagnosis, chapters in the book are arranged by job or exposure, and are divided into 5 sections: Personal environment Home environment Other indoor environments Work environment General environment Each is written by an expert in the specific topic and provides pragmatic information for the practicing physician. This practical book is an invaluable resource that belongs close at hand for all physicians dealing with patients experiencing respiratory symptoms.

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Complete yet concise clinical reference to common occupational and environmental illness. Covers diagnosis and treatment as well as preventative and remedial measures in the workplace and community. Features of the Third Edition: thoroughly updated discussion of diagnosis and treatment of common and important occupational and environmental diseases; more information on injury and illness prevention; advanced presentation of workplace ergonomics; current references, with PMID numbers to facilitate Web-based literature searches, and URLs for Web resources.

Why waste time guessing at what you need to know for the occupational and environmental medicine board exam? Maximize your exam preparation time with this quick-hit question and answer review. The unique question and single-answer format eliminates the guesswork associated with traditional multiple-choice Q&A reviews and reinforces only the correct answers you'll need to know on exam day. Emphasis is placed on distilling key facts and clinical pearls essential for exam success. This high-yield review for the boards is the perfect compliment to larger texts for intense, streamlined review in the days and weeks before your exam.

Occupational health is a multidisciplinary field that deals with the safety, health and welfare of people at work. Fostering a safe and healthy work environment is the primary goal of this domain. It also aims to protect co-workers, family members, employers, etc., who have chances of getting affected by the workplace environment. Occupational health has a strong focus on primary prevention of physical, biological and psychosocial hazards. Environmental health is the domain of public health that deals with all types of the natural and built environment that affect the human health. Environmental epidemiology, toxicology, exposure science, environmental engineering and environmental law are the five basic sub-sets that contribute to the branch of environmental health.

The objective of this book is to give a general view of the different areas of these fields and its applications. It explores all the important aspects of occupational and environmental health in the present day scenario. This book with its extensive content provides the readers with a thorough understanding of the subject.

This new edition of Occupational and Environmental Medicine concentrates more on the newer kinds of occupational disease including those (like "RSI" and pesticide poisoning) where exposure and effects are difficult to understand. There is specific emphasis on work, health and wellbeing, with links to public health, health promotion, the value of work, disabled people at work, the aging workforce, vocational rehabilitation, evidence based practice, and further chapters on the health effects of climate change and of occupational health and safety in relation to migration and terrorism.

Features Occupational & Environmental Medicine (OEM) at Duke University in Durham, North Carolina. Includes an archive and index of the Occ-Env-Med-L mail list. Links to other occupational and environmental health topics on the WWW. Highlights the faculty and staff, facilities, OEM residency, and the Duke University Medical Center.

Completely revised and meticulously updated throughout, this New Edition will aid you in the detection, diagnosis, and treatment of the full spectrum of problems caused by occupational or environmental factors, including physical, chemical, and biologic agents.

Environmental Medicine is an indispensable aid to the investigation, diagnosis and treatment of a wide variety of environmentally-acquired disorders. It brings into sharp focus the increasing importance of the practice of environmental medicine, drawing together the many different strands that make up this modern discipline, and putting topical and controversial subjects into evidence-based context. The editors and authors are all leading authorities in their respective fields and are drawn from a wide variety of sources, including government advisory bodies. They have put emphasis on the issues most relevant to contemporary practice, ensuring everyday relevance, while not neglecting less common conditions. Boxes and tables are used throughout for clarity and accessibility.

This question-and-answer review book is an excellent aid for candidates preparing for the board exam in occupational medicine and an ideal structured learning guide for physicians. It contains approximately 500 questions, with answers and explanations, based on Robert McCunney's comprehensive text, A Practical Approach to Occupational and Environmental Medicine, Third Edition. Two additional chapters present practical strategies for preparing for and taking the board exam. The American College of Occupational and Environmental Medicine (ACOEM) designates each of the four sections of this review for a maximum of 22.5 credits in Category 1 of the American Medical Association's Physician's Recognition Award.

This comprehensive guide builds your understanding of OEM complexities while providing practical information you need for daily care. Concise yet fully comprehensive, CURRENT Diagnosis & Treatment: Occupational & Environmental Medicine, Sixth Edition is the definitive guide to diagnosing, treating, preventing, and remediating common occupational and environmental illnesses. It provides valuable insights into the role of non-physician health and safety professionals, how they interact with physicians, and the value of team collaboration. Providing quick access to critical information, this thorough guide also covers important legal aspects of occupational and environmental medicine. Extra materials for your day-to-day needs include workers comp specs by state/region, physical exam guidelines (photos, videos), pain scales, OSHA/NIOSH questionnaires, screening questions, AOEC/NAICS/SOC information, blood/urine toxicology values, pain management guidelines, and more.

Sponsored by the American College of Occupational and Environmental Medicine, this updated Third Edition is a comprehensive, practical guide to the diagnosis, treatment, and prevention of occupationally related disorders. It provides an excellent overview of technical issues, practical applications, and preventive strategies for illness and injury related to the workplace. Emphasizing prevention, new chapters provide expansive coverage of environmentally induced asthma and allergies. A section of competencies is included for certification preparation within this specialty. A comprehensive index provides reference ease for examination of all aspects of occupational and environmental medicine.

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