

## Clinical Epidemiology The Essentials 5th Edition

The new edition of this popular textbook remains a clear and practical introduction to epidemiology for students in all areas of health. By emphasising the role of epidemiology across a broad range of health monitoring and research, it gives students an understanding of the fundamental principles common to all areas of epidemiology. It also integrates the study of infectious and chronic diseases as well as public health and clinical epidemiology. Avoiding complex mathematics, it steps through the methods and potential problems underlying health data and reports, while maintaining a balance of rigour and clarity. The nuts-and-bolts of epidemiology are embedded in the wider international health perspective through recent and classical examples across different areas of health to engage students from a range of backgrounds. Concepts are illustrated with charts and graphs, and end-of-chapter questions test understanding (with answers provided). Online resources include further exercises, slides for teaching and useful weblinks. This practical guide speaks to two audiences: those who read and those who conduct research. Clinicians are medical detectives by training. For each patient, they assemble clinical clues to establish causes of signs and symptoms. The task involves both clinical acumen and knowledge of medical research. This book helps guide clinicians through this detective work, by enabling them to make sense of research and to review medical literature critically. It will also be invaluable to researchers who conduct clinical research, particularly randomized controlled trials. Building on previously published, peer-reviewed articles from The Lancet, this handbook is essential for busy clinicians and active researchers interested in research methods. Written by leaders in the field of clinical research who have published extensively with authorship of hundreds of articles in medical journals. The authorship includes one of the three authors of the CONSORT guidelines for the reporting of randomized controlled trials. The book presents the essential concepts to a wide array of topics including randomized control trials, descriptive studies, case-control studies, bias, and screening tests. The book utilises a readable and humorous prose style, lightening what can be a difficult area for clinicians. Derived from decades of teaching clinical research in seminar settings the book will empower clinicians to make sense of, and critically appraise, current medical research and will enable researchers to enrich the quality of their work. The updated new edition includes six new chapters: Surrogate endpoints Limitations of observational epidemiology Participant recruitment Practicalities of double-blind randomization in the context of a prospective meta-analysis Reporting studies in medical journals CONSORT Teaching epidemiology requires skills and knowledge combined with a clear teaching strategy and good pedagogic skills. The general advice is simple: if you are not an expert on a topic, try to enrich your background knowledge before you start teaching. Teaching Epidemiology, third edition helps you to do this, and by providing the world-expert teacher's advice on how best to structure teaching gives a unique insight into what has worked in their hands. The book will help you plan your own tailored teaching program. The book is a guide to new teachers in the field at two levels; those teaching basic courses for undergraduates, and those teaching more advanced courses for students at postgraduate level. Each chapter provides key concepts and a list of key references. Subject specific methodology and disease specific issues (from cancer to genetic epidemiology) are dealt with in details. There is also a focused chapter on the principles and practice of computer-assisted learning.

This edition is the most updated since its inception, is the essential text for students and professionals working in and around epidemiology or using its methods. It covers subject areas - genetics, clinical epidemiology, public health practice/policy, preventive medicine, health promotion, social sciences and methods for clinical research.

Essential Human Virology

Modern Epidemiology

Text and Cases in Responsible Conduct of Research

Epidemiology

Essentials of the U.S. Health Care System

Gordis Epidemiology

*Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition provides guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records incorporates new methodologies and concepts drawn from the recent veterinary practice literature updates chapter content including expanded coverage of risk, statistical and economic analyses, and surveillance for emerging diseases more than 60 examples of clinical research drawn from the international veterinary practice literature presented as structured abstracts; follow-up questions invite the reader to participate in the analysis of results online links to full text versions of more than half of structured abstracts and more than 40% of the book's 174 literature citations updates the listing and review of public and private online resources, including guidelines for online literature searching and critical evaluation of clinical reports. Today's veterinary curricula places greater emphasis on experiential/problem-based learning versus discipline-oriented instruction. This fourth edition is ideally suited to introduce epidemiologic concepts and methodologies to veterinary students in the context of the patient encounter, and should be of use at any point in the veterinary curriculum.*

*The resource of choice for pediatric residents, clerkships, and exams, this renowned Pediatric text continues to provide a focused overview of the core knowledge in the subject. Succinct, targeted coverage of normal childhood growth and development, as well as the diagnosis, management, and prevention of common pediatric diseases and disorders, make this an ideal medical reference book for students, pediatric residents, nurse practitioners, and physician assistants. •Efficiently review essential, concise pediatric content with this popular extension of the Nelson Textbook of Pediatrics. •Focus on the core knowledge needed for your pediatric rotation with coverage that follows the MCI curriculum guidelines. •Easily visualize complex aspects with full-color layout and images, as well as numerous tables throughout the text. •Accomplish the learning with four new Sections – Community Pediatrics, Pediatric Surgery, Ophthalmology and Otorhinolaryngology. •Enjoy complimentary access to enhanced e-book with videos and other digital resources. •Access online select decision-making algorithms from Pediatric Decision-Making Strategies by Pomeranz et al. (ISBN: 978-0-323-29854-4).*

*Review: "Now in its Fourth Edition, this best-selling text offers comprehensive coverage of all the major topics in introductory epidemiology. With extensive treatment of the heart of epidemiology - from study designs to descriptive epidemiology to quantitative measures - this reader-friendly text is accessible and interesting to a wide range of beginning students in all health-related disciplines. A unique focus is given to real-world applications of epidemiology and the development of skills that students can apply in subsequent course work and in the field. The text is also accompanied by a complete package of instructor and student resources available through a companion Web site."--Jacket*

*Now fully revised and updated, Textbook of Adult Emergency Medicine provides clear and consistent coverage of this rapidly evolving specialty. Building on the success of previous editions, it covers all the major topics that present to the trainee doctor in the emergency department. It will also prove invaluable to the range of other professionals working in this setting - including nurse specialists and paramedics - who require concise, highly practical guidance, incorporating latest best practices and current guidelines. For the first time, this edition now comes with access to additional ancillary material, including practical procedure videos and self-assessment material. Updates throughout reflect latest practice developments, curricula requirements and essential guidelines Key point boxes highlight topic 'essentials' as well as controversial areas of treatment An expanded list of leading international contributors ensures comprehensive coverage and maximizes worldwide relevance New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary material, including procedure videos and self-assessment materials to check your understanding and aid exam preparation Expansion of administration section - especially patient safety New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues;*

*A Practical Guide*

*How to Do Clinical Practice Research*

*Improving Community Health*

*How to Read a Paper*

*Textbook of Adult Emergency Medicine E-Book*

*Essentials of Public Health*

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Medical Secrets, 6th Edition, features the Secrets' popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style – making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time – succinct, easy to read, engaging, and highly effective. Coverage includes the full range of essential topics in medicine for in-training and practicing professionals, authored by a diverse range of teachers and clinicians who cover both medical and ethical issues. Fully revised and updated throughout, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams.

The best-selling introduction to evidence-based medicine in a clear and engaging style. How to Read a Paper demystifies evidence-based medicine and explains how to critically appraise published research and also put the findings into practice. An ideal introduction to evidence-based medicine. How to Read a Paper explains what to look for in different types of papers and how best to evaluate the literature and then implement the findings in an evidence-based, patient-centred way. Helpful checklist summaries of the key points in each chapter provide a useful framework for applying the principles of evidence-based medicine in everyday practice. This fifth edition has been fully updated with new examples and references to reflect recent developments and current practice. It also includes two new chapters on applying evidence-based medicine with patients and on the common criticisms of evidence-based medicine and responses. How to Read a Paper is a standard text for medical and nursing schools as well as a friendly guide for everyone wanting to teach or learn the basics of evidence-based medicine.

Written by Nicholas J Talley, Simon O'Connor and Brad Frankum, this engaging and instructive text provides practical pathways to diagnosis and up-to-date strategies for implementing evidence-based treatments for prevalent conditions. Learn how to: identify what is clinically important understand and investigate disease create an effective strategy for treatment use technological diagnostic tools. This new edition of Essentials of Internal Medicine 4e describes established and trusted diagnostic techniques to equip students and trainees with the skills to succeed in their profession. The visually dynamic text offers a framework of knowledge covering core facts and addressing difficult-to-master topics such as: holistic approach to patient treatment the importance of diagnosis the physician's role in public health the physician as scholar. Contributions from expert clinicians leading the advancement of medicine globally Need-to-know 'clinical pearls' throughout each chapter Memory jog lists and tables Multiple choice questions with end-of-chapter answers and extensive explanations Enhanced eBook version included with purchase

With a unique focus on the most effective interventional techniques, Whitrow & MacEwen's Small Animal Clinical Oncology, 5th Edition tells the full story of cancer in dogs and cats — what it is, how to diagnose it, and how to treat many of the most common cancers encountered in clinical practice. Nearly 500 color photographs, diagrams, x-rays, and gross views depict the clinical manifestations of various cancers. This edition covers the latest advances in clinical oncology, including chemotherapy, surgical oncology, and diagnostic techniques. With contributions from 65 veterinary oncology experts, this authoritative reference is a must-have for current, evidence-based therapeutic strategies on canine and feline oncology. "I really love this book. If you are interested in veterinary oncology, have a flick through this book online or at a conference when you get the chance. I hope that you agree with me that this is the definitive oncology reference source for the early 21st century and that you feel compelled to buy it. Your patients will thank you for it." Reviewed by: Gerry Polton MA VetMB MSc(Clin Onc) DipECVIM-CA(ONC) MRCVS, UK Date: July 2014 Cutting-edge information on the complications of cancer, pain management, and the latest treatment modalities prepares you to diagnose and treat pets with cancer rather than refer cases to a specialist. A consistent format for chapters on coverage of incidence and risk factors, pathology, natural behavior of tumors, history and clinical signs, diagnostic techniques and workup, treatment options, and prognosis for specific malignancies. A systems approach to the diagnosis and management of cancer facilitates access to information about the many malignancies affecting small animal patients. Nearly 500 color images provide accurate depictions of specific diseases and procedures. Helpful drug formularies provide quick access to information on indications, toxicities, and recommended dosages for chemotherapeutic and analgesic drugs used in cancer treatment. Expert contributors provide in-depth coverage of the most current information in his or her respective specialty in veterinary oncology. Chemotherapy protocols are included when case studies prove clinical efficacy. Discussion of compassion and supportive care for the management of pain, nutritional needs, and grief includes methods for handling the pet's pain and nutritional complications as well as the pet owner's grief when treatment is not successful. Thoroughly UPDATED chapters cover the most recent changes in the clinical management of melanoma, mast cell tumors, tumors of the skeletal system, tumors of the endocrine system, tumors of the mammary gland, urinary cancers, nervous system cancers, lymphoma, and histiocytic diseases. NEW Clinical Trials and Developmental Therapeutics chapter discusses the various phases of clinical trials as well as current challenges and opportunities in oncology drug development. NEW! A focus on the best recommended treatment options highlights therapeutic strategies that have been vetted by veterinary oncology experts. NEW co-author Dr. Rodney L. Page adds his valuable perspective, expertise, and research experience.

Nelson Essentials of Pediatrics - E-Book

From Patient to Population, Fourth Edition

Teaching Epidemiology

Wound Care Essentials

Basic Statistics and Epidemiology

An Introduction to Clinical Epidemiology

*Medicine is becoming increasingly reliant on diagnostic, prognostic and screening tests for the successful treatment of patients. With new tests being developed all the time, a more informed understanding of the benefits and drawbacks of these tests is crucial. Providing readers with the tools needed to evaluate and interpret these tests, numerous real-world examples demonstrate the practical application and relevance of the material. The mathematics involved are rigorously explained using simple and informative language. Topics covered include the diagnostic process, reliability and accuracy of tests, and quantifying treatment benefits using randomized trials, amongst others. Engaging illustrations act as visual representations of the concepts discussed in the book, complementing the textual explanation. Based on decades of experience teaching in a clinical research training program, this fully updated second edition is an essential guide for anyone looking to select, develop or market medical tests.*

*This straightforward primer in basic statistics emphasises its practical use in epidemiology and public health, providing an understanding of essential topics such as study design, data analysis and statistical methods used in the execution of medical research. From clean drinking water, to seat belts, to immunizations, the impact of public health on every individual is undeniable. For undergraduates, an understanding of the foundations of public health is an essential step toward becoming an educated citizen. Public Health 101 provides a big-picture, population perspective on the determinants of health and disease and the tools available to protect and promote health. It examines the full range of options for intervention including use of the healthcare system, the public health system, and society-wide systems such as laws and taxation.*

*Essentials of Biostatistics in Public Health, Second Edition provides a fundamental and engaging background for students learning to apply and appropriately interpret biostatistics applications in the field of public health. Many examples are drawn directly from the author's remarkable clinical experiences with the renowned Framingham Heart Study, making this text practical, interesting, and accessible for those with little mathematical background. The examples are real, relevant, and manageable in size so that students can easily focus on applications rather than become overwhelmed by computations."*

*An Introduction to Stata for Health Researchers*

*A Dictionary of Epidemiology*

*Public Health 101: Improving Community Health*

*The Basics of Evidence-Based Medicine and Healthcare*

*Veterinary Clinical Epidemiology*

*The Basics of Evidence-Based Medicine*

From the Department of Epidemiology at Johns Hopkins University and continuing in the tradition of award-winning educator and epidemiologist Dr. Leon Gordis, comes the fully revised 6th Edition of Gordis Epidemiology. This bestselling text provides a solid introduction to basic epidemiologic principles as well as practical applications in public health and clinical practice, highlighted by real-world examples throughout. New coverage includes expanded information on genetic epidemiology, epidemiology and public policy, and ethical and professional issues in epidemiology, providing a strong basis for understanding the role and importance of epidemiology in today's data-driven society. Covers the basic principles and concepts of epidemiology in a clear, uniquely memorable way, using a wealth of full-color figures, graphs, charts, and cartoons to help you understand and retain key information. Reflects how epidemiology is practiced today, with a new chapter organization progressing from observation and developing hypotheses to data collection and analyses. Features new end-of-chapter questions for quick self-assessment, and a glossary of genetic terminology. Provides more than 200 additional multiple-choice epidemiology self-assessment questions online. Evolve Instructor Resources, including a downloadable image and test bank, are available to instructors through their Elsevier sales rep or via request at: <https://evolve.elsevier.com>

This introduction to epidemiology helps medical, nursing, and pharmacy students develop a system to observe and assess outcomes in similar patient types, and then apply this knowledge of outcomes to improve future patient care. The Fourth Edition has been redesigned to enhance understanding with new illustrations, pedagogical tools, examples, and summary boxes. According to a faculty member at the University of North Carolina, "This is one of the few books truly written for students of clinical epidemiology. I've used it in the past and would do so in the future. The book is comprehensive and takes a practical approach to explaining important topics."

Crash Course - your effective every-day study companion PLUS the perfect antidote for exam stress! Save time and be assured you have the essential information you need in one place to excel on your course and achieve exam success. A winning formula now for over 20 years, each series volume has been fine-tuned and fully updated – with an improved full-colour layout tailored to make your life easier. Especially written by senior students or junior doctors – those who understand what is essential for exam success – with all information thoroughly checked and quality assured by expert Faculty Advisers, the result are books which exactly meet your needs and you know you can trust. Each chapter guides you succinctly through the full range of curriculum topics, integrating clinical considerations with the relevant basic science and avoiding unnecessary or confusing detail. A range of text boxes help you get to the hints, tips and key points you need fast! A fully revised self-assessment section matching the latest exam formats is included to check your understanding and aid exam preparation. The accompanying enhanced, downloadable eBook completes this invaluable learning package. Series volumes have been honed to meet the requirements of today's medical students, although the range of other health students and professionals who need rapid access to the essentials of general medicine will also love the unique approach of Crash Course. Whether you need to get out of a fix or aim for a distinction Crash Course is for you! Provides the exam syllabus in one place - saves valuable revision time Written by senior students and recent graduates - those closest to what is essential for exam success Quality assured by leading Faculty Advisers - ensures complete accuracy of information Features the ever popular 'Hints and Tips' boxes and other useful aide-memoires - distilled wisdom from those in the know Updated self-assessment section matching the latest exam formats - confirm your understanding and improve exam technique fast

The thoroughly revised and updated Third Edition of the acclaimed Modern Epidemiology reflects both the conceptual development of this evolving science and the increasingly focal role that epidemiology plays in dealing with public health and medical problems. Coauthored by three leading epidemiologists, with sixteen additional contributors, this Third Edition is the most comprehensive and cohesive text on the principles and methods of epidemiologic research. The book covers a broad range of concepts and methods, such as basic measures of disease frequency and associations, study design, field methods, threats to validity, and assessing precision. It also covers advanced topics in data analysis such as Bayesian analysis, bias analysis, and hierarchical regression. Chapters examine specific areas of research such as disease surveillance, ecologic studies, social epidemiology, infectious disease epidemiology, genetic and molecular epidemiology, nutritional epidemiology, environmental epidemiology, reproductive epidemiology, and clinical epidemiology.

Essential Epidemiology

Evidence-Based Diagnosis

The Essentials

An Introduction for Students and Health Professionals

Oxford Textbook of Global Public Health

Essentials of Cardiopulmonary Physical Therapy - E-Book

**Epidemiology for Advanced Nursing Practice** guides graduate-level nursing students to understand the basic concepts of epidemiology while gaining and applying statistical conceptual skills. Focusing on the importance of disease prevention and community-centered migration, this text helps students expand their knowledge base while enhancing practical application skills and stimulating research interests. Designed to prepare advanced practice nursing students to meet the American Association of Colleges of Nursing (AACN) for Doctor of Nursing Practice (DNP) standards, this text features expert insights, objectives, critical questions, and references. Topics include the role of epidemiology and statistics in advanced nursing practice, study designs and outcomes, emerging infectious diseases, genetic and environmental epidemiology, the role of culture, nursing in pandemics and emergency preparedness, and legal and ethical issues.

This widely adopted textbook provides the essential content and skill-building tools for teaching the responsible conduct of scientific research. Scientific Integrity covers the breadth of concerns faced by scientists: protection of animal and human experimental subjects, scientific publication, intellectual property, conflict of interest, collaboration, record keeping, mentoring, and the social and ethical responsibilities of scientists. Learning activities and resources designed to elucidate the principles of Scientific Integrity include Dozens of highly relevant, interactive case studies for discussion in class or online Numerous print and online resources covering the newest research guidelines, regulations, mandates and policies Discussion questions, role-playing exercises, and survey tools to promote critical thought Documents including published rules of conduct, sample experimentation protocols, and patent applications The new edition of Scientific Integrity responds to significant recent changes—new mandates, policies, laws, and other developments—in the field of responsible conduct of research. Dr. Macrina plants the seeds of awareness of existing, changing, and emerging standards in scientific conduct and provides the tools to promote critical thinking in the use of that information. Scientific Integrity is the original turnkey text to guide the next generations of scientists as well as practicing researchers in the essential skills and approaches for the responsible conduct of science.

The Third Edition of this popular text focuses on clinical-practice research methods. It is written by clinicians with experience in generating and answering researchable questions about real-world clinical practice and health care—the prevention, treatment, diagnosis, prognosis, and causes of diseases, the measurement of quality of life, and the effects of innovations in health services. The book has a problem-oriented and protocol-based approach and is written at an introductory level, emphasizing key principles and their applications. A ground-in CD-ROM contains the full text of the book to help the reader locate needed information.

Required reading in many medical and healthcare institutions, How to Read a Paper is a clear and wide-ranging introduction to evidence-based medicine and healthcare, helping readers to understand its central principles, critically evaluate published data, and implement the results in practical settings. Author Trisha Greenhalgh guides readers through each fundamental step of inquiry, from searching the literature to assessing methodological quality and appraising statistics. How to Read a Paper addresses the common criticisms of evidence-based healthcare, dispelling many of its myths and misconceptions, while providing a pragmatic framework for testing the validity of healthcare literature. Now in its sixth edition, this informative text includes new and expanded discussions of study bias, political interference in published reports, medical statistics, big data and more. Offers user-friendly guidance on evidence-based healthcare that is applicable to both experienced and novice readers Authored by an internationally recognised practitioner and researcher in evidence-based healthcare and primary care Includes updated references, additional figures, improved checklists and more How to Read a Paper is an ideal resource for healthcare students, practitioners and anyone seeking an accessible introduction to evidence-based healthcare.

How to Practice and Teach EBM.

Evidence-based Medicine

Essentials of Biostatistics in Public Health

Practice Principles

The Washington Manual Endocrinology Subspecialty Consult

Expanded Nursing Practice

*Crash Course – your effective every-day study companion PLUS the perfect antidote for exam stress! Save time and be assured you have the essential information you need in one place to excel on your course and achieve exam success. A winning formula now for over 20 years, each series volume has been fine-tuned and fully updated – with an improved full-colour layout tailored to make your life easier. Especially written by senior students or junior doctors – those who understand what is essential for exam success – with all information thoroughly checked and quality assured by expert Faculty Advisers, the result are books which exactly meet your needs and you know you can trust. Each chapter guides you succinctly through the full range of curriculum topics, integrating clinical considerations with the relevant basic science and avoiding unnecessary or confusing detail. A range of text boxes help you get to the hints, tips and key points you need fast! A fully revised self-assessment section matching the latest exam formats is included to check your understanding and aid exam preparation. The accompanying enhanced, downloadable eBook completes this invaluable learning package. Series volumes have been honed to meet the requirements of today's medical students, although the range of other health students and professionals who need rapid access to the essentials of paediatrics will also love the unique approach of Crash Course. Whether you need to get out of a fix or aim for a distinction Crash Course is for you! Provides the exam syllabus in one place - saves valuable revision time Written by senior students and recent graduates - those closest to what is essential for exam success Quality assured by leading Faculty Advisers - ensures complete accuracy of information Features the ever popular 'Hints and Tips' boxes and other useful aide-memoires - distilled wisdom from those in the know Updated self-assessment section matching the latest exam formats - confirm your understanding and improve exam technique fast*

*Essentials of the U.S. Health Care System, Fifth Edition is a clear and concise distillation of the major topics covered in the best-selling Delivering Health Care in America by the same authors. Designed for undergraduate and graduate students in programs across the health disciplines, Essentials of the U.S. Health Care System is a reader-friendly, well organized resource that covers the major characteristics, foundations, and future of the U.S. health care system. The text clarifies the complexities of health care organization and finance and presents a solid overview of how the various components fit together.*

*Providing a comprehensive yet concise guide for trainee doctors, neonatal nurses and midwives, Essential Neonatal Medicine continues to be an indispensable resource that combines the depth and breadth of a textbook with the efficiency of a revision guide. Extensively updated and full-colour throughout, this edition includes new chapters on neonatal transport and palliative care, as well as further content on pathophysiology and embryology, quality improvement and risk management, infection control, and non-invasive ventilation. With an improved artwork programme and a new glossary of terms, Essential Neonatal Medicine is ideal for all trainee health professionals new to neonatology, or looking for a comprehensive aid to support them.*

*Written by Washington University residents, fellows, and endocrine faculty, this handbook is ideal for students, housestaff, and fellows involved in inpatient and outpatient endocrinology consults. It presents practical approaches to endocrine disorders commonly seen in consultation, with emphasis on key components of evaluation and treatment. This Second Edition has been thoroughly updated with the latest information on pathophysiology, treatment, and drug dosing. New chapters cover obesity, vitamin D deficiency, autoimmune polyendocrine syndromes, and endocrine disorders in HIV/AIDS. Key points are bulleted for easy reference and clinical pearls are highlighted in bold-faced type. The Washington Manual® is a registered mark belonging to Washington University in St. Louis to which international legal protection applies. The mark is used in this publication by LWW under license from Washington University.*

*Crash Course General Medicine*

*Medical Secrets E-Book*

*Biostatistics and Epidemiology*

*Essential Neonatal Medicine*

*Essentials of Epidemiology in Public Health*

*Randomised Controlled Trials and Observational Epidemiology*

Designed to assist those working in health research, An Introduction to Stata for Health Researchers explains how to maximize the versatile Stata program for data management, statistical analysis, and graphics for research. The first nine chapters are devoted to becoming familiar with Stata and the essentials of effective data management. The text is also a valuable companion reference for many applications for health researchers including the analysis of stratified data via epifit and regression models; linear, logistic, and Poisson regression; survival analysis including Cox regression, standardized rates, and correlation/ROC analysis of measurements.

Biostatistics and Epidemiology/A Primer for Health Professionals offers practical guidelines and gives a concise framework for research and interpretation in the field. In addition to major sections covering statistics and epidemiology, the book includes a comprehensive exploration of scientific methodology, probability, and the clinical trial. The principles and methods described in this book are based on psychology and education. The primer will be especially useful to public health officials and students looking for an understandable treatment of the subject.

Essential Human Virology is written for the undergraduate level with case studies integrated into each chapter. The structure and classification of viruses will be covered, as well as virus transmission and virus replication strategies based upon type of viral nucleic acid. Several chapters will focus on notable and recognizable viruses and the diseases caused by them, including influenza, HIV, hepatitis emerging and dangerous viruses. Additionally, how viruses cause disease, or pathogenesis, will be highlighted during the discussion of each virus family, and a chapter on the immune response to viruses will be included. Further, research laboratory assays and viral diagnosis assays will be discussed, as will vaccines, anti-viral drugs, gene therapy, and the beneficial uses of viruses. By focusing on the technologies, familiar human viruses, and the effects of these viruses on humans, this textbook will provide a solid foundation in virology while keeping the interest of undergraduate students. Focuses on the human diseases and cellular pathology that viruses cause Highlights current and cutting-edge technology and associated issues Presents real case studies and current news highlights in each chapter

Sixth edition of the hugely successful, internationally recognised textbook on global public health and epidemiology comprehensively covering the scope, methods, and practice of the discipline. Scientific Integrity Crash Course Paediatrics First South Asia Edition A Primer for Health Professionals Epidemiology for Public Health Practice Clinical Epidemiology

The accompanying CD-ROM contains clinical examples, critical appraisals and background papers. Improve your understanding of the cardiopulmonary system with Essentials of Cardiopulmonary Physical Therapy, 4th Edition. Based on best practices prescribed in The Guide to Physical Therapist Practice, this new edition provides comprehensive coverage of anatomy, physiology, and cardiopulmonary assessment, along with expanded chapters on the growing topic of telehealth management. Using a practical approach, expert author Ellen Hillegass also discusses pathophysiology, pharmacology, and interventions in the outpatient setting. Evidence-based content reflects the latest research in the field and incorporates the use of ICF. Material uses best practices defined by the American Physical Therapy Association. Clinical tips give you real Expanded chapters cover early mobilization of the ICU patient and acute care management. NEW! Updated references emphasize evidence-based information from the text. NEW! Full-color printing enhances text.

Successfully tested in the authors' courses at Boston University and Harvard University, this text combines theory and practice in presenting traditional and new epidemiologic concepts. Broad in scope, the text opens with five chapters covering the basic epidemiologic concepts and data sources. A major emphasis is placed on study design, with separate chapters on case-control studies. Full chapters on bias, confounding, and random error, including the role of statistics in epidemiology, ensure that students are well-equipped with the necessary information to interpret the results of epidemiologic studies. An entire chapter is also devoted to the concept of effect measure modification, an often-neglected topic in introductory texts on public health. The importance is provided throughout the book. The Third Edition is a thorough update that offers: New examples, the latest references, and public health statistics. Nearly 50 new review questions. Updated discussion of certain epidemiologic methods, new figures depicting epidemiologic concepts."

Now in its Fifth Edition, Clinical Epidemiology: The Essentials is a comprehensive, concise, and clinically oriented introduction to the subject of epidemiology. Written by expert educators, this text introduces students to the principles of evidence-based medicine that will help them develop and apply methods of clinical observation in order to form accurate conclusions, reviews and knowledge management, as well as other key topics such as abnormality, diagnosis, frequency and risk, prognosis, treatment, prevention, chance, studying cases and cause.

Essentials of Internal Medicine - eBook

Epidemiology, Biostatistics, and Preventive Medicine

Essential Concepts in Clinical Research

Whitrow and MacEwen's Small Animal Clinical Oncology - E-Book

This comprehensive text is an excellent introduction to the field of public health. The book is divided into two parts. Part I defines and describes the public health system, provide concepts and tools for measuring health in populations, characterizes the relationship of the public health system with medical care and other elements of the overall health system, and identifies government's unique contributions through federal, state, and local public health agencies.Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition

This popular book is written by the award-winning teacher, Dr. Leon Gordis of the Bloomberg School of Public Health at Johns Hopkins University. He introduces the basic principles and concepts of epidemiology in clear, concise writing and his inimitable style. This book provides an understanding of the key concepts in the following 3 fully updated sections: Section I: The Epidemiologic Approach to Disease and Public Health. Section II: Identifying the Causes of Disease. Section III: Applying Epidemiology to Evaluation and Policy. Clear, practical graphs and charts, cartoons, and review questions with answers reinforce the text and aid in comprehension. Utilizes new full-color format to enhance readability and clarity. Provides new and updated figures, references and concept examples to keep you absolutely current - new information has been added on Registration of Clinical Trials, Case-Cohort Design, Case-Crossover Design, and Sources and Impact of Uncertainty (disease topics include: Obesity, Asthma, Thyroid Cancer, Helicobacter Pylori and gastric/duodenal ulcer and gastric cancer, Mammography for women in their forties) - expanded topics include Person-time. Please note: electronic rights were not granted for several images in this product. Introduces both the underlying concepts as well as the practical uses of epidemiology in public health and in clinical practice. Systemizes learning and review with study questions in each section and an answer key and index. Illustrates textual information with clear and informative full-color illustrations, many created by the author and tested in the classroom.

You'll find the latest on healthcare policy and financing, infectious diseases, chronic disease, and disease prevention technology.

Written by renowned wound care experts Sharon Baranoski and Elizabeth Ayello, in collaboration with an interdisciplinary team of experts, this handbook covers all aspects of wound assessment, treatment, and care.