
Strobe Guidelines For Observational Studies

Care at the Close of Life: Evidence and Experience

Fundamentals of Clinical Trials

Evidence-Based Medicine Toolkit

Encyclopedia of Behavioral Medicine

International Olympic Committee Consensus Statement

Evidence-Based Practice in Nursing & Healthcare

Peer Review in Health Sciences

Statistical Models in Epidemiology

Handbook of Statistical Methods for Case-Control Studies

An Assessment of the Change in Compliance of Observational Otolology and Audiology Studies with the STROBE Statement Guidelines

Analysis of Observational Health Care Data Using SAS

Epidemiology

Cost-Effectiveness in Health and Medicine

Design Concepts in Nutritional Epidemiology

Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism

How to Practice Academic Medicine and Publish from Developing Countries?

Guidelines for Reporting Health Research

Nutrition Research Methodologies

Veterinary Epidemiologic Research

Principles of Research Design and Drug Literature Evaluation

Developing a Protocol for Observational Comparative Effectiveness Research: A User's Guide

Clinical Epidemiology

Quasi-Experimental Research Designs

Clinical Epidemiology

Single-Case Experimental Designs for Clinical Research and Neurorehabilitation Settings

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Foundations of Epidemiology
Absolute Risk
Finding What Works in Health Care
Systematic Reviews in Health Care
Methods in Observational Epidemiology
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FRENCH RORY

Care at the Close of Life: Evidence and Experience Oxford University Press, USA
Absolute Risk: Methods and Applications in Clinical Management and Public Health provides theory and examples to demonstrate the importance of absolute risk in counseling patients, devising public health strategies, and clinical management. The book provides sufficient technical detail to allow statisticians, epidemiologists, and clinicians to build,

test, and apply models of absolute risk. Features: Provides theoretical basis for modeling absolute risk, including competing risks and cause-specific and cumulative incidence regression Discusses various sampling designs for estimating absolute risk and criteria to evaluate models Provides details on statistical inference for the various sampling designs Discusses criteria for evaluating risk models and comparing risk models, including both general criteria and problem-specific expected losses in well-defined clinical and public health applications Describes many applications

encompassing both disease prevention and prognosis, and ranging from counseling individual patients, to clinical decision making, to assessing the impact of risk-based public health strategies Discusses model updating, family-based designs, dynamic projections, and other topics Ruth M. Pfeiffer is a mathematical statistician and Fellow of the American Statistical Association, with interests in risk modeling, dimension reduction, and applications in epidemiology. She developed absolute risk models for breast cancer, colon cancer, melanoma, and second primary thyroid cancer following a

childhood cancer diagnosis. Mitchell H. Gail developed the widely used "Gail model" for projecting the absolute risk of invasive breast cancer. He is a medical statistician with interests in statistical methods and applications in epidemiology and molecular medicine. He is a member of the National Academy of Medicine and former President of the American Statistical Association. Both are Senior Investigators in the Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health.

Fundamentals of Clinical Trials

Springer Science & Business Media
 EDITOR-IN-CHIEF: Clifford J. Rosen, M.D., Maine Medical Center Research Institute, Scarborough, Maine
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 Jane B. Lian, Ph.D., University of Massachusetts Medical School, Worcester, Massachusetts
 This comprehensive yet concise handbook is an indispensable reference for the many clinicians who see patients with disorders of bone formation, metabolic bone diseases, or disorders of

stone formation. It is also a crucial tool for researchers, students, and all other professionals working in the bone field. In a format designed for quick reference, it provides complete information on the symptoms, pathophysiology, diagnosis, and treatment of all common and rare bone and mineral disorders. New in this edition: detailed coverage of osteonecrosis of the jaw, more in-depth coverage of cancer and bone including new approaches to pathogenesis, diagnosis, and treatment; new approaches to anabolic therapy of osteoporosis; the latest research on Vitamin D; expanded coverage of international topics; more on the genetics of bone mass; and newer imaging techniques for the skeleton. In addition, this edition features a free, online-only appendix of medicines used to treat bone disorders and their availability around the world.

Evidence-Based Medicine Toolkit Oxford University Press

A systematic review of evidence in the literature was undertaken, to determine the extent and quality of evidence related to the two key goals of this study. [...] Generally, the studies reported positive

outcomes in terms of increased levels of compliance for both diagnosis and treatment through the use of order sets, but the quality of evidence was graded as very low. [...] Of these three approaches, the last has the clear advantage that it allows the institution to assess the level of compliance with the order set, which provides important information about the degree of acceptance of the tool, and potentially its usefulness as well. [...] Assessment of Quality of Evidence The quality of each individual study was determined with criteria based on the STrengthening the Reporting of OBServational studies in Epidemiology (STROBE) checklist (13) since a majority of the included studies were observational studies. [...] Qualitative Analysis of Development and Implementation Guidelines Aside from determining the effectiveness of order sets from the literature, a qualitative analysis was conducted to derive common challenges and strategies for the implementation of order sets from the included studies. *Encyclopedia of Behavioral Medicine* Jones & Bartlett Publishers
 Handbook of Statistical Methods for Case-

Control Studies is written by leading researchers in the field. It provides an in-depth treatment of up-to-date and currently developing statistical methods for the design and analysis of case-control studies, as well as a review of classical principles and methods. The handbook is designed to serve as a reference text for biostatisticians and quantitatively-oriented epidemiologists who are working on the design and analysis of case-control studies or on related statistical methods research. Though not specifically intended as a textbook, it may also be used as a backup reference text for graduate level courses.

Book Sections Classical designs and causal inference, measurement error, power, and small-sample inference Designs that use full-cohort information Time-to-event data Genetic epidemiology About the Editors

Ørnulf Borgan is Professor of Statistics, University of Oslo. His book with Andersen, Gill and Keiding on counting processes in survival analysis is a world classic. Norman E. Breslow was, at the time of his death, Professor Emeritus in Biostatistics, University of Washington. For decades, his book with Nick Day has been the authoritative text on case-control

methodology. Nilanjan Chatterjee is Bloomberg Distinguished Professor, Johns Hopkins University. He leads a broad research program in statistical methods for modern large scale biomedical studies. Mitchell H. Gail is a Senior Investigator at the National Cancer Institute. His research includes modeling absolute risk of disease, intervention trials, and statistical methods for epidemiology. Alastair Scott was, at the time of his death, Professor Emeritus of Statistics, University of Auckland. He was a major contributor to using survey sampling methods for analyzing case-control data. Chris J. Wild is Professor of Statistics, University of Auckland. His research includes nonlinear regression and methods for fitting models to response-selective data.

International Olympic Committee Consensus Statement Oxford University Press

This book is dedicated to the proposition that health policy should be evidence-based, and that epidemiology can provide much of the evidence. Unlike most textbooks of epidemiology, which focus on etiologic research, it emphasizes the descriptive methods that are more

relevant to policy. Part I introduces the subject of policy and its formulation, reviews selected methods that are generally relevant to health policy, and provides an overview of health data and their manipulation. Part II proceeds through the policy cycle: assessing population health status, assessing potential interventions, making policy choices; implementing and finally evaluating policy. At each step it identifies the potential contributions of epidemiology and describes and demonstrates relevant methods. Many practical examples are provided, drawn from several developed countries, but mathematics is kept to an elementary level. A recurring theme is the interaction between health phenomena and the underlying population dynamics, and thus the close relationship of this type of epidemiology to demography.

Evidence-Based Practice in Nursing & Healthcare Springer Nature

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. The Fifth Edition includes more complete coverage of systematic 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.

Peer Review in Health Sciences

Springer Nature

Principles of Research Design and Drug Literature Evaluation is a unique resource that provides a balanced approach covering critical elements of clinical research, biostatistical principles, and scientific literature evaluation techniques for evidence-based medicine. This accessible text provides comprehensive course content that meets and exceeds the curriculum standards set by the Accreditation Council for Pharmacy Education (ACPE). Written by expert authors specializing in pharmacy practice and research, this valuable text will provide pharmacy students and practitioners with a thorough understanding of the principles and

practices of drug literature evaluation with a strong grounding in research and biostatistical principles. Principles of Research Design and Drug Literature Evaluation is an ideal foundation for professional pharmacy students and a key resource for pharmacy residents, research fellows, practitioners, and clinical researchers. FEATURES * Chapter Pedagogy: Learning Objectives, Review Questions, References, and Online Resources * Instructor Resources: PowerPoint Presentations, Test Bank, and an Answer Key * Student Resources: a Navigate Companion Website, including Crossword Puzzles, Interactive Flash Cards, Interactive Glossary, Matching Questions, and Web Links From the Foreword: "This book was designed to provide and encourage practitioner's development and use of critical drug information evaluation skills through a deeper understanding of the foundational principles of study design and statistical methods. Because guidance on how a study's limited findings should not be used is rare, practitioners must understand and evaluate for themselves the veracity and implications of the inherently limited

primary literature findings they use as sources of drug information to make evidence-based decisions together with their patients. The editors organized the book into three supporting sections to meet their pedagogical goals and address practitioners' needs in translating research into practice. Thanks to the editors, authors, and content of this book, you can now be more prepared than ever before for translating research into practice." L. Douglas Ried, PhD, FAPhA Editor-in-Chief Emeritus, Journal of the American Pharmacists Association Professor and Associate Dean for Academic Affairs, College of Pharmacy, University of Texas at Tyler, Tyler, Texas

Statistical Models in Epidemiology SAS Press

Guidelines for Reporting Health Research is a practical guide to choosing and correctly applying the appropriate guidelines when reporting health research to ensure clear, transparent, and useful reports. This new title begins with an introduction to reporting guidelines and an overview of the importance of transparent reporting, the characteristics of good guidelines, and how to use reporting

guidelines effectively in reporting health research. This hands-on manual also describes over a dozen internationally recognised published guidelines such as CONSORT, STROBE, PRISMA and STARD in a clear and easy to understand format. It aims to help researchers choose and use the correct guidelines for reporting their research, and to produce more completely and transparently reported papers which will help to ensure reports are more useful and are not misleading. Written by the authors of health research reporting guidelines, in association with the EQUATOR (Enhancing the QUALity and Transparency Of health Research) Network, Guidelines for Reporting Health Research is a helpful guide to producing publishable research. It will be a valuable resource for researchers in their role as authors and also an important reference for editors and peer reviewers.

Handbook of Statistical Methods for Case-Control Studies CRC Press

Bias analysis quantifies the influence of systematic error on an epidemiology study's estimate of association. The fundamental methods of bias analysis in epidemiology have been well described for

decades, yet are seldom applied in published presentations of epidemiologic research. More recent advances in bias analysis, such as probabilistic bias analysis, appear even more rarely. We suspect that there are both supply-side and demand-side explanations for the scarcity of bias analysis. On the demand side, journal reviewers and editors seldom request that authors address systematic error aside from listing them as limitations of their particular study. This listing is often accompanied by explanations for why the limitations should not pose much concern. On the supply side, methods for bias analysis receive little attention in most epidemiology curriculums, are often scattered throughout textbooks or absent from them altogether, and cannot be implemented easily using standard statistical computing software. Our objective in this text is to reduce these supply-side barriers, with the hope that demand for quantitative bias analysis will follow.

An Assessment of the Change in Compliance of Observational Otolaryngology and Audiology Studies with the STROBE Statement Guidelines John Wiley & Sons

The world's leading source of evidence-based guidance on caring for patients at the end of life. Featuring the content of the world's most widely read medical journal, plus completely new, never-before-published content. Perfect for medical students, trainees, and clinicians alike. Market / Audience Medical students: 18000/yr US, 250,000 global NP and PA students: 25,000/yr US, 50,000+ global IM and FP residents: 30,000 US, 60,000 global IM and FP clinicians: 140,000 US, 300,000+ global Palliative medicine: 3000 US Oncology: 20,000 US, 60,000 global Social workers About the Book In the tradition of the User's Guides to the Medical Literature, and The Rational Clinical Examination, JAMA/Care at the Close of Life is based on a widely successful series of articles appearing over the course of the last ten years in JAMA, the world's most widely read medical journal. The series is directed by Stephen McPhee, a leading authority of end of life care, and the chief editor of our market leading Current Medical Diagnosis and Treatment text. The articles in the series cover fundamental topics and challenges in caring for patients who have been given

a terminal diagnosis. Featuring a strong focus on evidence-based medicine, and organized by clinical cases, the articles are widely read by faculty, medical students, and clinicians who, frankly, have not been given a solid educational experience on this very important medical issue. The book will be physically modeled after The Rational Clinical Examination, in a full color format that highlights the clinical cases. It will be well suited for use as an required or recommended textbook for medical, PA, and NO students, and as a clinical reference text for trainees and practicing physicians and nurses. Key Selling Features Based on highly regarded content from the world's most widely read medical journal All content is completely updated, and extensive new, never-before-published content has been added Case-based, and evidence-based, so its a perfect fit for the way medical students and residents like to learn Focuses on practical, real-world issues for primary care physicians, and avoids esoteric issues of interest only to specialists in palliative care Full color format, modeled after the highly regarded Rational Clinical Examination Includes multimedia

materials available on line: Power Point slides for teaching, and video interviews with patients in end-of-life care, so that faculty and students get supplemental resources for learning the art and science of care at the end of life Evidence-based guidance from the world's leading medical journal, on a critical topic that has been neglected in medical education and training until recently. Author Profile JAMA is the world's most widely read medical journal, and has a reputation for excellence in evidence-based medicine. Stephen McPhee has high visibility on account of his editorship of CMDT, and for his driving role in enhancing end of life care in medical education and training programs. He is: Professor of Medicine, UCSF School of Medicine, San Francisco CA **Analysis of Observational Health Care Data Using SAS** McGraw Hill Professional Healthcare decision makers in search of reliable information that compares health interventions increasingly turn to systematic reviews for the best summary of the evidence. Systematic reviews identify, select, assess, and synthesize the findings of similar but separate studies, and can help clarify what is known and not

known about the potential benefits and harms of drugs, devices, and other healthcare services. Systematic reviews can be helpful for clinicians who want to integrate research findings into their daily practices, for patients to make well-informed choices about their own care, for professional medical societies and other organizations that develop clinical practice guidelines. Too often systematic reviews are of uncertain or poor quality. There are no universally accepted standards for developing systematic reviews leading to variability in how conflicts of interest and biases are handled, how evidence is appraised, and the overall scientific rigor of the process. In Finding What Works in Health Care the Institute of Medicine (IOM) recommends 21 standards for developing high-quality systematic reviews of comparative effectiveness research. The standards address the entire systematic review process from the initial steps of formulating the topic and building the review team to producing a detailed final report that synthesizes what the evidence shows and where knowledge gaps remain. Finding What Works in Health Care also proposes a framework for improving the

quality of the science underpinning systematic reviews. This book will serve as a vital resource for both sponsors and producers of systematic reviews of comparative effectiveness research.

Epidemiology John Wiley & Sons Injury and illness surveillance, and epidemiological studies, are fundamental elements of concerted efforts to protect the health of the athlete. To encourage consistency in the definitions and methodology used, and to enable data across studies to be compared, research groups have published 11 sport-specific or setting-specific consensus statements on sports injury (and, eventually, illness) epidemiology to date. The objective of this statement was to further strengthen consistency in data collection, injury definitions and research reporting through an updated set of recommendations for sports injury and illness studies, including a new Strengthening the reporting of observational studies in epidemiology" (STROBE) checklist extension.

Cost-Effectiveness in Health and Medicine Lippincott Williams & Wilkins Epidemiology is a subject of growing importance, as witnessed by its role in the

description and prediction of the impact of new diseases such as AIDS and new-variant CJD. Epidemiology: Study Design and Data Analysis covers the whole spectrum of standard analytical techniques used in epidemiology, from descriptive techniques in report writing to model diagnostics from generalized linear models. The author discusses the advantages, disadvantages, and alternatives to case-control, cohort and intervention studies and details such crucial concepts as incidence, prevalence, confounding and interaction. Many exercises are provided, based on real epidemiological data sets collected from all over the world. The data sets are also available on an associated web site. Epidemiology: Study Design and Data Analysis will be an invaluable textbook for statistics and medical students studying epidemiology, and a standard reference for practicing epidemiologists.

Design Concepts in Nutritional Epidemiology Saunders

This bestselling pocket guide to the skills of evidence-based medicine succeeds in demystifying the terminology and processes in a handy and easy-to-follow

format, all within the space of 100 pages. With an improved layout, this second edition of Evidence-based Medicine Toolkit offers more up-to-date guidance as well as new sections on important areas of research. New features of this second edition include: A box for each major database showing how to search the evidence, and highlighting the differences between them Flow charts for different study types New critical appraisal sections on qualitative research and economic evaluation Expanded list of EBM resources on the net. With these added features to make the job easier, the new Toolkit is now an even better companion for all health care professionals using evidence-based methodology in their research and practice.

Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism Government Printing Office This book has established itself as the authoritative text on health sciences peer review. Contributions from the world's leading figures discuss the state of peer review, question its role in the currently changing world of electronic journal publishing, and debate where it should go

from here. The second edition has been thoroughly revised and new chapters added on qualitative peer review, training, consumers and innovation.

How to Practice Academic Medicine and Publish from Developing Countries?

Monographs in Epidemiology and The second edition of this best-selling book has been thoroughly revised and expanded to reflect the significant changes and advances made in systematic reviewing. New features include discussion on the rationale, meta-analyses of prognostic and diagnostic studies and software, and the use of systematic reviews in practice.

Guidelines for Reporting Health Research
CRC Press

This book guides researchers in performing and presenting high-quality analyses of all kinds of non-randomized studies, including analyses of observational studies, claims database analyses, assessment of registry data, survey data, pharmaco-economic data, and many more applications. The text is sufficiently detailed to provide not only general guidance, but to help the researcher through all of the standard

issues that arise in such analyses. Just enough theory is included to allow the reader to understand the pros and cons of alternative approaches and when to use each method. The numerous contributors to this book illustrate, via real-world numerical examples and SAS code, appropriate implementations of alternative methods. The end result is that researchers will learn how to present high-quality and transparent analyses that will lead to fair and objective decisions from observational data. This book is part of the SAS Press program.

Nutrition Research Methodologies National Academies Press

Teaching epidemiology requires skill 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 in to 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.

Veterinary Epidemiologic Research

Springer Science & Business Media
The use of complementary therapies is exploding, increasing the pressure to establish a rigorous science to support its practice. Clinical Research in Complementary Therapies: Principles, Problems and Solutions provides students with the tools they need to research complementary and integrative medicine (CIM) and so fill this gap. Essential for both undergraduate and postgraduate students, this second edition is significantly updated and enhanced. Part 1 deals with research strategies and methods, explaining the major types of

clinical research in CIM and how these inter-relate. New chapters are included on whole systems research, qualitative research and questionnaire development. Not all therapies can be treated the same way nor channeled through the signal process of randomized controlled trials. Therefore, detailed description of mixed methods approaches including observational, qualitative, cost-benefit and comparative effectiveness research are described. Part 2 deals with specific complementary therapies and how they are invested by experts in each field. The book analyses the key questions asked and the controversies debated in complementary medicine research and offers clear and innovative guidance for answering these questions. FEATURES • Provides an overarching synthesis of methods in CIM and how they are to be used collectively including the role of comparative effectiveness research •

Suggests both general and specific factors which need to be considered in assessing or planning complementary therapy research • Pinpoints aspects of research which are different in orthodox research and complementary therapy research • Reviews the types of research carried out in specific complementary therapies and analyses issues which arise • Includes information on measuring the economic cost and benefits of complementary medicine, clinical audit and the role of placebos use • Builds upon recent research results, looks at the lessons these provide for all complementary therapies and suggests key issues to address in future research. • Provides an overarching synthesis of methods in CIM and how they are to be used collectively including the role of comparative effectiveness research • Suggests both general and specific factors which need to be considered in assessing or planning complementary therapy research •

Pinpoints aspects of research which are different in orthodox research and complementary therapy research • Reviews the types of research carried out in specific complementary therapies and analyses issues which arise • Includes information on measuring the economic cost and benefits of complementary medicine, clinical audit and the role of placebos use • Builds upon recent research results, looks at the lessons these provide for all complementary therapies and suggests key issues to address in future research.

Principles of Research Design and Drug Literature Evaluation John Wiley & Sons
This self-contained account of the statistical basis of epidemiology has been written for those with a basic training in biology. It is specifically intended for students enrolled for a masters degree in epidemiology, clinical epidemiology, or biostatistics.

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