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ZOEIXZ - JAMARCUS GORDON

The research methods presented are the best currently available and the surgeon who employs them will discover that his or her results are more likely to be accepted as valid, be adopted in the care of patients, and endure the test of time James D. Heckman, MD, Consulting Editor, *The Journal of Bone and Joint Surgery* (from the Foreword) *Advanced Concepts in Surgical Research* is a practical, reader-friendly guide to planning, conducting, and evaluating solid, evidence-based surgical research that leads to high-quality results. Geared to the investigator who has already mastered basic principles, this book focuses on more advanced topics such as randomized controlled trials, survey design, observational studies, meta analyses, statistical concepts, reporting of data, and much more. Special Features: Includes tips and insights from experienced surgical researchers on how to conduct an effective clinical study and avoid pitfalls Supplies hard-to-find information on current topics such as randomization systems and

technology and publication bias Provides standardized, easy-to-reference text boxes with highlighted key concepts, on-the-spot definitions of terminology in Jargon Simplified sections, and real-world case examples from the literature Presents nearly 60 illustrations and tables to help in visualizing key concepts Filled with proven research methodologies, clinical data, examples, and strategies that can be applied across a wide range of disciplines, *Advanced Concepts in Surgical Research* illuminates the challenges and solutions of modern day surgical research. It is essential for any clinician undertaking a well-defined, systematic, clinically relevant, and ultimately successful surgical research study.

This book gathers recommendations of the European Association for Endoscopic Surgery (EAES), as compiled by leading European laparoscopic surgeons. The book offers an overview of current surgical research. All recommendations precisely describe the proven benefit of each surgical procedure and technique. Chapters follow a structured format to allow quick identification of recommenda-

tions. This work provides a highly usable and practice-oriented overview of the achievements in laparoscopic surgery throughout the last decade.

Interest in surgical research was a decisive factor in the surgical advances seen in the 20th century. From the stormy petrel of surgery (John B. Murphy) to the pioneering Mayo brothers and the gifted surgeons who revolutionised cardiac surgery (Drs Blalock, DeBakey, both Lilleheis, and Wangensteen), surgeons have advanced their practice by carefully planned and conducted studies. The principles of surgical research formulated by these leaders still pertain to the many challenges of contemporary surgery. Research results have a direct benefit when applied to the clinical sciences and patient care. Procedures that were once extraordinary, such as open-heart surgery, are now almost routine. Knowing that research is the basis for evidence-based medicine makes it obvious that interest in research facilitates the understanding and application of evidence-based principles. *Principles of Research: From Idea to Publication* draws on Dr Toledo-Pereyras extensive experience as a surgeon, teacher, researcher, and research director to present profiles of accomplished scientists who exemplify the best traditions of surgical research.

In Western countries, cancer of the large intestine and rectum (colorectal cancer) is the second most common type of cancer and the second leading cause of cancer death (after lung cancer). The incidence of colorectal cancer begins to rise at age 40 and peaks between ages 60 and 75. Cancer of the large intestine (colon cancer) is more common in women; rectal cancer is more common in men. About 5 percent of the people with colon or rectal cancer have more than

one cancer of the colorectum at the same time. People with a family history of colon cancer have a higher risk of developing the cancer themselves. A family history of familial polyposis or a similar disease also increases the risk of colon cancer. People with ulcerative colitis or Crohn's disease have a higher risk of developing cancer. The risk is related to the person's age when the condition developed and the length of time the person has had the condition. Diet plays some role in the risk of colon cancer, but exactly how it affects risk is unknown. Throughout the world, people at highest risk tend to live in cities and eat a diet typical of affluent Westerners. Such a diet is low in fibre and high in animal protein, fats, and refined carbohydrates such as sugar. Risk seems to be reduced by a diet high in calcium, vitamin D, and vegetables such as brussel sprouts, cabbage, and broccoli.

Presenting a range of topics seldom seen in a single resource, this fully revised edition continues to explore the principles of formal logic as applied to clinical problems with an increased emphasis on the fundamental relationship between EBM and clinical epidemiology. The book contains accounts and references to aid the reader gain a fuller understanding of the principles that underlie EBM and the evolving roles of public health and clinical epidemiology in modern medicine. The innovative blend of informal logic and structured evidence-based reasoning makes this book invaluable for anyone seeking broad, comprehensive and readable coverage of this complex and sometimes controversial field.

Through four editions, Cummings Otolaryngology has been the world's most trusted source for comprehensive guidance on all facets of head and neck

surgery. This 5th Edition - edited by Paul W. Flint, Bruce H. Haughey, Valerie J. Lund, John K. Niparko, Mark A. Richardson, K. Thomas Robbins, and J. Regan Thomas - equips you to implement all the newest discoveries, techniques, and technologies that are shaping patient outcomes. You'll find new chapters on benign neoplasms, endoscopic DCR, head and neck ultrasound, and trends in surgical technology... a new section on rhinology... and coverage of hot topics such as Botox. Plus, your purchase includes access to the complete contents of this encyclopedic reference online, with video clips of key index cases! Overcome virtually any clinical challenge with detailed, expert coverage of every area of head and neck surgery, authored by hundreds of leading luminaries in the field. See clinical problems as they present in practice with 3,200 images - many new to this edition. Consult the complete contents of this encyclopedic reference online, with video clips of key index cases! Stay current with new chapters on benign neoplasms, endoscopic DCR, head and neck ultrasound, and trends in surgical technology... a new section on rhinology... and coverage of hot topics including Botox. Get fresh perspectives from a new editorial board and many new contributors. Find what you need faster through a streamlined format, reorganized chapters, and a color design that expedites reference.

Surgical Palliative Care describes the principles and practice of surgery in the context of palliative and supportive care. Surgery is often considered too invasive to be useful in palliation and clinicians instinctively turn to radiotherapy, chemotherapy, and other drugs. Surgery, with increasingly minimal access techniques, may be simpler and less invasive than other treatments and produces ex-

cellent palliation. Indeed, most types of surgery are not curative and the aim of this book is to alert all concerned with palliative care to the usefulness and appropriateness of a surgical option. The text is divided into two sections; the first dealing with general issues, varying from quality of life measurement to spirituality, and the second illustrating their application in different specialties of surgery ranging from neurosurgery to urology. The book ends with a challenge to surgeons to change their perspective from curative surgery, in terms of simply cure or failure, to improvement in quality of life and relief of symptoms. Aimed primarily at palliative medicine and pain consultants, this book will also appeal to surgeons who increasingly need to know more about palliative care.

Surgery: Core principles and Practice is the second edition of the popular general surgery textbook. This two volume set provides essential core knowledge in a user-friendly format. Includes nearly 50 case studies on challenging real-life cases, with over 2000 full colour images and illustrations and an accompanying website. Written and edited by a world-class team of surgeons from the UK and US.

A team of over 150 leading contributors provides state-of-the-art coverage of minimally invasive surgery using videoscopic guidance. Delivers up-to-date discussions of pleural and lung diseases, mediastinum, esophageal disease, pediatric surgery, coronary artery bypass and valvular surgery. Features over 890 clear illustrations; many in full color! More than 170 international authorities discuss every aspect of this field from general issues through pleural diseases, parenchymal lung disease, the mediastinum, thoracoscopic procedures, endoscopy and imaging, coronary artery by-

pass grafting, heart valve surgery, and more. Every chapter describes a particular technique in detail. And, to ensure that readers receive the most well-rounded perspective possible, most chapters are followed by commentaries from other specialists providing alternate viewpoints that confirm or challenge the assertions made by the chapters authors. More than 700 illustrations¹⁶¹ in full color clarify complex principles of minimally invasive surgery and make important nuances of technique simple to understand and apply.

emerging on the surgical scene to challenge or For some readers, the title of this book will im thodoxy. Although these innovations are often mediately raise the question, what exactly is greeted with great optimism, a factual basis for meant by surgical research? In the very broadest that enthusiasm is sometimes far from secure sense the term can be taken to include all en and much further work is frequently required to deavors, however elementary or limited in discover whether we are dealing with genuine scope, to advance surgical knowledge. Ideally, advances or not. it refers to well-organized attempts to establish The most exciting and attractive scenario for on a proper scientific basis, i. e. , to place beyond surgical research is unquestionably one that de reasonable doubt, the truth or otherwise of any picts a successful attempt by a researcher to es concepts, old or new, within the ambit of sur gery, and, of course, anaesthesia. tablish the accuracy of some bold innovation for which he himself is responsible. Joseph Lister, The methods used to achieve that end vary demonstrating by clinical trial that wound sup enormously, depending on the issue being in vestigated.

When Richard Alan Stikeman, an incredi-

ble businessman, community leader, and family man, died from malignant mesothelioma, his family, friends, and community established the Stikeman Fund for Surgical Advancement and the Stikeman Visiting Professorship in order to commemorate him. Dr Dag Munro, Stikeman's treating surgeon, proposed the concept of an annual visiting professor as a unique way to honour his patient. The primary goal of the fund was to enhance surgical education for students, residents, and faculty in the McGill University Division of Cardiovascular and Thoracic Surgery. In the words of one of the founders – Richard's brother Heward Stikeman – it should "sharpen people" and keep McGill's program at the forefront of cardiothoracic education. Former residents were invited to return on an annual basis. Surgical research was added to the program and benefited from the wisdom of fifty world-class visitors. This contributed to a high degree of loyalty, adhesion, and philanthropy to the division. The Stikeman Visiting Professorship has thus unified cardiothoracic surgery under the McGill umbrella: Dr A.R.C. Dobbell identified the professorship as the glue that holds the division together. The Stikeman Visiting Professorship has emerged over the years as an important McGill legacy, its growth and duration a tribute to its founders, builders, and supporters. This book is a celebration of that legacy.

This book demonstrates why oncoplastic and reconstructive surgery represents such an exciting tool for surgeons who undertake breast surgery. Fundamental principles and basic concepts are clearly outlined, and numerous techniques are presented by acknowledged experts from across the world. The emphasis is very much on a "how to do" approach, with detailed guidance and advice on the

various techniques. The informative text is supported by a wealth of color illustrations, and accompanying videos of procedures can be accessed via the publisher's website. This second edition of *Oncoplastic and Reconstructive Breast Surgery* has been completely revised and updated. More than 25 additional chapters have been included, and new videos of surgeries made available, with the aim of making this already very successful book truly comprehensive, and the most complete reference on the subject – a true classic. The new edition entails close collaboration between some of the most important centers for breast cancer treatment and research worldwide. It will be an ideal resource for surgical fellows and specialists wishing to learn about indications and the selection of patients, to master technical skills, and to manage complications effectively.

This publication aims to support young doctors and surgery residents during their training period. A surgical residency is a crucial period for a young doctor. A great volume of theoretical information along with difficult and demanding practical skills need to be acquired in a relatively short period of time. This book is a tool for rapid, correct acquisition of elementary surgical notions and techniques, which are the basis for the training of today's surgery resident.

This comprehensive compendium of current knowledge in the fields of otology/neurotology, rhinology, facial plastic and reconstructive surgery, paediatric otorhinolaryngology, head and neck surgery and bronchoesophagology features sections on facial plastic, reconstructive surgery and paediatrics. The content reflects the central responsibility of the otorhinolaryngologist in treating patients with diseases affecting the sens-

es of smell, taste and balance. Also encompassed in this section are treatments for disorders of human communication affecting hearing, voice, speech and language.

Issues in Surgical Research, Techniques, and Innovation: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Surgical Research, Techniques, and Innovation. The editors have built *Issues in Surgical Research, Techniques, and Innovation: 2011 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Surgical Research, Techniques, and Innovation in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Issues in Surgical Research, Techniques, and Innovation: 2011 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Advances in Surgery Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Surgery. The editors have built *Advances in Surgery Research and Application: 2011 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Surgery in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authorita-

tive, informed, and relevant. The content of *Advances in Surgery Research and Application: 2011 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Key Topics in Surgical Research and Methodology represents a comprehensive reference text accessible to the surgeon embarking on an academic career. Key themes emphasize and summarize the text. Four key elements are covered, i.e. Surgical Research, Research Methodology, Practical Problems and Solutions on Research as well as Recent Developments and Future Prospects in Surgical Research and Practice.

Contributors. -- Foreword. -- Preface. -- Getting Started. -- Assessing Available Information. -- Organizing and Preliminary Planning for Surgical Research -- Writing a Protocol: Animals, Humans, and Use of Biologic, Chemical, and Radiologic Agents. -- Grantsmanship. -- Informed Consent and the Protection of Human Research Subjects: Historical Perspectives and Guide to Current United States Regulations. -- Animal Care and Maintenance. -- Funding Strategies and Agencies: Academic-Industrial Relationships; Intellectual Property. -- Statistical Considerations. -- Use of Nonexperimental Studies to Evaluate Surgical Procedures and Other Interventions: The Challenge of Risk Adjustment. -- Measuring Surgical Outcomes. -- Design of Clinical Trials. -- Using Administrative Data for Clinical Re-

search. -- Research in the Intensive Care Unit: Ethical and Methodological Issues. - - Research in the Operating Room. -- Effects of Age and Gender. -- Strategies, Principles, and Techniques Using Transgeni ...

This will serve primarily as a hardcover, library purchase with a short shelf life of 6 months and will also add to the exposure of other works by Jean-Louis Vincent, the Update in Intensive Care Medicine series, which was repackaged to suit the North American market. This book compiles the most recent, widespread developments of experimental and clinical research and practice in one comprehensive reference book. The chapters are written by well recognized experts in the field of intensive care and emergency medicine. It is addressed to everyone involved in internal medicine, anesthesia, surgery, pediatrics, intensive care and emergency medicine.

The book provides a clear overview of the various research stages of cardiac surgery, interventional cardiology, and cardiac anesthesia. It also deals with recent advances in minimally invasive surgery, robotic surgery, and many other innovations introduced in this field. However, aim of this volume is not only to describe the evolution of the discipline, but also to give the occasion of revisiting old and forgotten ideas that could be used successfully also nowadays if supported by modern technologies. With contributions by renowned international experts, the volume will be a very useful tool for students, residents, cardiac surgery and anesthesia professionals, cardiologists, biomedical engineers, and researchers.

Oral and Maxillofacial Surgery Edited by Lars Andersson, Karl-Erik Kahnberg and M. Anthony Pogrel

Surgery is a comprehensive reference for all trainees and specialists in oral and maxillofacial surgery, oral surgery, and surgical dentistry. This landmark new resource draws together current research, practice and developments in the field, as expressed by world authorities. The book's aim is to cover the full scope of oral and maxillofacial surgery, incorporating recent technical and biological developments within the specialty. It provides a uniquely international and contemporary approach, reflecting the exciting developments of technique and instrumentation within this surgical field, built on technical innovation and medical and dental research. Oral and Maxillofacial Surgery coalesces impressively broad and deep coverage of this surgical specialty into a cohesive and readable resource, identifying commonalities and shedding light on controversies through reasoned discussion and balanced presentation of the evidence. The Editors are joined by over 50 international experts, offering a truly global perspective on the full spectrum of issues in oral and maxillofacial surgery. The book's coverage extends from basic principles such as patient evaluation, dental anesthesia, wound healing, infection control, and surgical instruments, to coverage of the complex areas of dentoalveolar surgery, oral pathologic lesions, trauma, implant surgery, dentofacial deformities, temporomandibular joint disorders, and salivary gland disorders. Where relevant, the book provides separate coverage of topics where practice differs significantly from region to region, such as general anesthesia. Comprehensive reference covering full scope of oral and maxillofacial surgery Covers state-of-art clinical practice, and the basic principles that underpin it Promotes an intellectually and internationally inclusive approach to oral

and maxillofacial surgery Nearly 100 expert contributors brought together under the aegis of a renowned international editorial team Richly illustrated with medical artwork and clinical images ALSO OF INTEREST Clinical Periodontology and Implant Dentistry, Fifth Edition Edited by Jan Lindhe, Niklaus P. Lang, Thorkild Karring • ISBN: 9781405160995 Textbook and Color Atlas of Traumatic Injuries to the Teeth, Fourth Edition Edited by Jens Andreasen, Frances Andreasen, Lars Andersson • ISBN: 9781405129541

How could one define health and disease? On what presuppositions, and ought we look for such definitions? Does quality of life inherit a subjective or objective evaluation? Are health and quality of life culture dependent concepts? Under the conditions of technologically advanced medicine and the common tendency towards a hedonistic lifestyle such questions come into focus. Hence, one question is of special relevance: which role does health play in our quality of life? The contributions of this interdisciplinary volume aim at the clarification of the various concepts in use. International scholars and scientists outline the framework for a more comprehensive and demanding concept of health and quality of life including philosophical and cultural aspects as well as medical and psychological dimensions.

For more than 80 years, Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice has been the go-to text for trainees and surgeons at all levels of experience for definitive guidance on every aspect of general surgery. As the oldest continuously published textbook of surgery in North America, this fully revised 21st Edition continues to provide the key information, essential teaching pearls, and completely updated content needed to make the

most informed surgical decisions and achieve optimal outcomes for patients. Concisely written and evidence based throughout, it covers the breadth of material required for certification and practice of general surgery, highlighted by detailed, full-color intraoperative illustrations and high-quality video clips. Follows a clear, consistent progression beginning with principles common to surgical specialties including fluid and electrolyte management, metabolic support, and wound healing. Subsequent sections review the management of injury, transplantation, oncology, breast, endocrine, and abdominal procedures. Covers key topics such as emerging surgical technologies and devices, regenerative medicine, the latest concepts in cancer biology and treatments, and evidence-based management and treatment. Emphasizes the most up-to-date minimally invasive techniques and the use of robotics when indicated. Features more than 2,000 superb illustrations and intraoperative photographs and 25 procedural videos that facilitate quick comprehension of surgical techniques. Includes more schematic diagrams, summary tables, boxes, and algorithms that provide a rich resource for reviewing surgical techniques and preparing for in-training and board exams. Shares the expertise of dozens of new authors and includes two new chapters on robotic surgery and fetal surgery. Contains fully updated content on topics encountered by general surgery residents in training as well as in-depth coverage of subspecialty areas including head and neck, thoracic, vascular, urology, neurosurgery, pediatrics, and gynecology.

Fully updated to meet the demands of the 21st-century surgeon, *Plastic Surgery* provides you with all the most current knowledge and techniques

across your entire field, allowing you to offer every patient the best possible outcome. Edited by Drs. Mathes and Hentz in its last edition, this six-volume plastic surgery reference now features new expert leadership, a new organization, new online features, and a vast collection of new information - delivering all the state-of-the-art know-how you need to overcome any challenge you may face. Renowned authorities provide evidence-based guidance to hel

Heterotopic Ossification: Basic Science, General Principles, and Clinical Correlates in Orthopedic Surgery is a comprehensive, informative approach to understanding the basics through the detailed complexities of heterotopic ossification (HO). The chapters in this book are structured into three main sections: (1) general principles of heterotopic ossification; (2) heterotopic ossification in major anatomic joints; and (3) additional topics and specifics of heterotopic ossification. Each individual chapter is a contribution from a leading expert in the respective subtopic of HO. As a cohesive unit, this book provides a complete reference for students, scientists, clinicians and orthopedic surgeons who find interest in HO or encounter it in the course of patient care.

Addressing a multidisciplinary issue in general cell biology, medical practice and education for undergraduates, graduates and postdocs from many different fields, this book is a unique title in the available literature. It provides a wide-scale overview of basic chemistry, biochemistry, molecular biology, pharmacology, physiology and reflecting the present highlights of histamine biology obviously accompanied by genomics, the complex genome-based biology of the third millennium.

PRESIDENTIAL ADDRESS There is no doubt that the content of this EAES Consensus Development Conferences (CDC's) booklet represents an extremely important contribution to answering the following questions: which area of endoscopic surgery requires quality assurance ? what methodology should be employed ? what further action is required ? In order to try to answer these questions, the Executive Office of the EAES decided to appoint an "ad hoc" working group which started its activity in 1993. Under the Presidency of Professor Hans Troidl and the scientific mandate of Professor Edmund Neugebauer the Consensus Development Conferences appeared as one of the essential educational programmes of the EAES. These were organized thanks to the scientific and secretarial assistance of the 2nd Department of Surgery, University of Cologne. Besides the appointed chairperson, each Conference was led by a clinical chairman who included surgical experts from various countries of Europe: J. Perissat, W. Wayand, A. Fingerhut, A. Paul, E. Eypasch, C.K. Kum. Of course the EAES Congress Presidents and the panel members should be acknowledged for their important input in the Consensus Conferences. From 1994 to 1998 six themes of endoscopic surgery have been assessed and their recommendations were presented and discussed during the European Congresses held in Madrid, Trondheim, Istanbul and in the World Congress Rome 98.

A biography of the life of Gordon Murray. The Yearbook compiles the most recent, widespread developments of experimental and clinical research and practice in one comprehensive reference book. The chapters are written by well recognized experts in the field of intensive care and

emergency medicine. It is addressed to everyone involved in internal medicine, anesthesia, surgery, pediatrics, intensive care and emergency medicine.

A unique reference manual for academic surgeons, this book discusses every facet of surgical research. From getting grant money to choosing a topic, reviewing the literature, planning and conducting research, and reporting results.

An ideal introductory text and board review! Here is a complete resource for all the basic science and clinical knowledge related to otolaryngology, from relevant molecular biology to physiology to clinical practice. It offers excellent coverage of all key topics with one goal in mind -- to provide a solid foundation for the understanding and practice of this diverse specialty. Both comprehensive and succinct, this book is an ideal review text and study tool for residents preparing for their board exams. Organized into six organ-specific sections, the book provides such key clinical information as: basic principles of allergic diseases, the oncology of head and neck tumors, the biology and testing of olfactory dysfunction, neurological disorders of the larynx, sleep apnea management, working with hearing aids and cochlear implants, and much more. Each chapter features a Chapter Outline, numerous tables, and Self-Test Questions with their answers to ensure thorough comprehension. You will also find more than 350 illustrations demonstrating important concepts. This book is an invaluable resource for residents taking their boards and a useful refresher for practicing otolaryngologists at all levels. It is the one reference you will turn to again and again.

Most 'How to write/publish' books are aimed at the scientific community and medical professionals as a whole. To date none has ever been dedicated to

surgeons alone. This book is aimed specifically at surgeons who wish to have their work, observations, novel ideas to be published, but do not know the route leading to successful publication in the various leading and reputable journals. Each chapter will attempt to guide the budding writer, using simple and brief language and taking examples from dai-

ly life. After reading this book the surgeon should be better informed and successful in writing, publishing and editing. They will be ready to 'publish and not be damned'. Includes over 30 contributions from leading surgical authors, many of whom are editors of renowned surgical journals.