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Handbook of Petroleum Refining Processes Robert A. Meyers 2003-10-14 * Offers detailed description of process chemistry and thermodynamics and product by-product specifications of plants * Contributors are drawn from the largest petroleum producers in the world, including Chevron, Mobil, Shell, Exxon, UOP, and Texaco * Covers the very latest technologies in the field of petroleum refining processes * Completely updated 3rd Edition features 50% all new material

Tomorrow's Medicine Scientific American Editors 2014-04-28 One hundred years ago, most of the medical treatments and technologies that we take for granted hadn't even been imagined or were found in the pages of science fiction novels rather than medical journals. Today, on the other hand, medical research often sounds like science fiction. This eBook, Tomorrow's Medicine, looks at some of the more fascinating areas where technology that could transform health is being developed, including cybernetics, regenerative medicine, nanotechnology and genetically tailored treatments. Although many of these advances may not be ready to treat humans for many years, some of them may someday profoundly change—and extend—our lives. In "Bionic Connections," for example, D. Kacy Cullen and Douglas Smith discuss synthetic limbs that function as well (or better) than our own. Echoes of the 1966 film *Fantastic Voyage* abound in "Nanomedicine Targets Cancer" by James Heath, Mark Davis and Leroy Hood, who examine how miniaturized tools can both measure the molecular interactions of disease and deliver targeted therapies. Several articles discuss different approaches for regeneration, including "Grow Your Own Eye," in which author Yoshiki Sasai illustrates how his lab successfully grew a retina from stem cells to "A Sweet Solution for Replacing Organs," in which Katherine Harmon describes how a speaker at a recent TED talk used a 3-D printer to create a kidney. A century from now, will the sight of an amputee be a rarity, with cybernetic limbs controlled by thought and nearly indistinguishable from the biological ones? Perhaps most people will have their genomes read for indications of future disease and take steps to prevent it – or even to cure inherited disorders. Will we replace some drugs with tiny machines, fanning out inside the body to repair damage? As exciting as these possibilities are to extend both the length and quality of life, immortality – or at least agelessness – may be forever out of our reach. As Thomas Kirkwood notes in his piece, "Why Can't We Live Forever?" death might be the price we pay for our complex biology. Even so, the doctors of a century past would surely be impressed by what medical science has accomplished in the past hundred years: antibiotics, organ transplants and the elimination of smallpox, to name but a few. The next century should be equally impressive, and with the various types of new technologies on the horizon, many of us have a good chance of seeing it happen.

Hysterectomy Ibrahim Alkatout 2017-09-14 This book initiates the descriptions of the practical performance of different hysterectomies with conventional and robotically assisted laparoscopy, laparotomy and vaginal surgery. Laparoscopic hysterectomy has been out as an additional technique for hysterectomies for the last couple of decades. As the necessary light, augmentation and advanced skill has only been introduced into this already 200 year old surgical procedure within the last few decades by laparoscopy, the editors aim to look at the laparoscopic procedures followed by the traditional techniques of hysterectomy with laparotomy and vaginal surgery.

Government Reports Announcements & Index 1995

Forging the Shield Donald A. Carter 2015 This illustrated book that includes tables, charts, and maps primarily discusses the role of USAREUR (US Army Europe) in rearming and training the new German Army which was perhaps the Army's single greatest contribution toward maintaining security in Western Europe. Likewise, the relationship between American soldiers and their French and West German hosts evolved over time and is a critical element in telling the story of the US Army in Europe.

Natural Fibers, Plastics and Composites

Frederick T. Wallenberger 2011-06-28

Endoscopic Oncology Douglas O. Faigel 2007-11-06 Table 1 Cancer is the second most common cause of death in Americans (see www.cdc.gov). Colorectal cancer kills more Incidence and Mortality of the Five Most Common Gastrointestinal Malignancies Americans than any other malignancy except for lung cancer. The incidences and mortalities of the major gastrointestinal a a Site Incidence Mortality (GI) malignancies are shown in Table 1. Taken as a group, the five most common GI malignancies account for more cancers Colorectum 53.9 21.6 and more cancer deaths than for any other site. Pancreas 11.1 10.6 Stomach 9.1 4.9 Flexible endoscopy has given physicians unprecedented Liver/intrahepatic bile ducts 6.2 4.4 access to the GI tract. The ability to endoscopically visu- Esophagus 4.5 4.3 alize, biopsy, and apply therapy has had implications for the management of all the major GI malignancies. Accepted Data from SEER database 1992–2002 (www.seer.cancer.gov). applications of endoscopy range from detection of mal- a Per 100,000.

Colonoscopy Jerome D. Waye 2011-09-23 First Edition - Winner of 2004 BMA Medical Book Competition in Gastroenterology The second edition of this prize winning book is written by some of the world's foremost experts in the field of colonoscopy and colonic imaging. Every chapter has been updated and 5 new chapters have been added to include the latest information and advances in the field of colonoscopy: Capsule Colonoscopy Narrow Band Imaging Confocal Endomicroscopy Endoscopic Submucosal Dissection in the Colon New Colonoscopes and Assist Devices Drawing on the vast experience of the authors it covers every area of medicine that impacts on colonoscopy, including virtual colonography, pathology, techniques for pediatric and adult procedures, and legal aspects concerning colonoscopy. The book is focused on patient care, and provides explanations on how to perform the procedure effectively and make the best outcome for your patients. It serves as a detailed manual of procedures, extensively illustrated with diagrams and photographs. The book includes a companion website with supplementary material: a lecture on the history of colonoscopy, interviews with famous gastroenterologists, demonstrations of techniques, and typical and unusual cases. This is an invaluable compendium on all aspects of colonoscopy, suitable for use by every grade of practitioner world-wide and an essential reference book for all establishments with an endoscopy facility. Please note: This product no longer comes with a DVD. The DVD content is now available online at <http://wiley.mpstechnologies.com/wiley/BOBContent/searchLPBobContent.do>.

Supply Chain Strategy Edward H. Frazelle 2001-10-16 High-Tech and High-Touch Logistics Solutions for Supply Chain Challenges In today's fast-paced and customer-oriented business environment, superior supply chain performance is a prerequisite to getting and staying competitive. Supply Chain Strategy is based on world-class logistics practices in place in successful supply chain organizations, the latest academic breakthroughs in logistics system design, and the logic of logistics. It presents the proven pillars of success in logistics and supply chain management. Part of McGraw-Hill's Logistics Management Library, Supply Chain Strategy is organized according to author Dr. Ed Frazelle's breakthrough logistics master planning methodology. The methodology leads to metrics, process designs, system designs, and organizational strategies for total supply chain management, total logistics management, customer response, inventory planning and management, supply, transportation, and warehousing. Concise yet complete, Dr. Frazelle's book shows how to develop a comprehensive logistics and supply chain strategy, one that will both complement and support a company's strategic objectives and long-term success. Logisticsthe flow of material, information, and money between consumers and suppliershas become a key boardroom topic. It is the subject of cover features in business publications from Wall Street Journal to BusinessWeek. Annual global logistics expenditures exceed \$3.5 trillion, nearly 20 percent of the world's GDP, making logistics perhaps the last frontier for major corporations to significantly increase shareholder and customer value. And at the heart of every effort to improve organizational logistics performance? Supply chain efficiency. Supply Chain Strategy is today's most comprehensive resource for up-to-the-minute thinking and practices on developing supply chain strategies that support a company's overall objectives. Covering world-class practices and systems, taken from the files of Coca-Cola, Wal-Mart, General Electric, and other companies, it covers essential supply chain subjects including: Logistics data miningfor identifying the root cause of material and information flow problems, pinpointing opportunities for process improvements, and providing an objective basis for project-team decision making Inventory planning and managementpresenting metrics, processes, and systems for forecasting, demand planning, and inventory control, yielding lower inventory levels and improved customer service Logistics information systems and Web-based logisticshelping to substitute information for inventory and work content Transportation and distributionfor connecting sourcing locations with customers at the lowest cost by, among other things, leveraging private and third-party transportation systems Logistics organization developmentincluding the seven disciplines that link enterprises across the supply chain, as well as logistics activities within those enterprises Supply Chain Strategy explains and demonstrates how decision makers can use today's technology to enhance key logistics systems at every point in the supply chain, from the time an idea or product is conceived through its delivery to the final user. It describes the major steps in developing an effective, workable logistics management programone that will reduce operating expenses, minimize capital investment, and improve

overall customer service and satisfaction.

Handbook of Herbs and Spices K. V. Peter 2012-08-13 Herbs and spices are among the most versatile ingredients in food processing, and alongside their sustained popularity as flavourants and colourants they are increasingly being used for their natural preservative and potential health-promoting properties. An authoritative new edition in two volumes, Handbook of herbs and spices provides a comprehensive guide to the properties, production and application of a wide variety of commercially-significant herbs and spices. Volume 1 begins with an introduction to herbs and spices, discussing their definition, trade and applications. Both the quality specifications for herbs and spices and the quality indices for spice essential oils are reviewed in detail, before the book goes on to look in depth at individual herbs and spices, ranging from basil to vanilla. Each chapter provides detailed coverage of a single herb or spice and begins by considering origins, chemical composition and classification. The cultivation, production and processing of the specific herb or spice is then discussed in detail, followed by analysis of the main uses, functional properties and toxicity. With its distinguished editor and international team of expert contributors, the two volumes of the new edition of Handbook of herbs and spices are an essential reference for manufacturers using herbs and spices in their products. They also provide valuable information for nutritionists and academic researchers. Provides a comprehensive guide to the properties, production and application of a wide variety of commercially-significant herbs and spices Begins with a discussion of the definition, trade and applications of herbs and spices Reviews the quality specifications for herbs and spices and examines the quality indices for spice essential oils

Practical Gastrointestinal Endoscopy Peter B. Cotton 2008-04-15 Gastrointestinal endoscopy is now mainstream and the focus is now changing from developing new techniques to enhancing the efficiency and quality of fundamental techniques. There are three elements to this agenda: initial training, continuous quality improvement and patient empowerment. For the first time, the book is accompanied by two CD-ROMs - featuring video and animation of how to perform the techniques. The first CD-ROM covers the upper GI tract and consists of two sections: (1) the background to instruments and how to get set up, and (2) how to perform diagnostic techniques. The second CD-ROM covers diagnostic and therapeutic procedures in colonoscopy. Cotton and Williams' book has evolved with each new edition to reflect developments in the field of endoscopy over the last 20 years. This fifth edition draws on the vast experience of the authors and heralds current changes in both endoscopy and publishing. The emerging 'back to basics' attitude of endoscopy opinion formers with regard to the teaching of endoscopy has resulted in a more focused table of contents specifically targeted at newcomers to this specialty.

Clinical Gastrointestinal Endoscopy Hoon Jai Chun 2014-04-07 Gastrointestinal endoscopy is the principal tool for the investigation and treatment of most diseases of the gastrointestinal tract. The Atlas of Clinical Gastrointestinal Endoscopy offers a comprehensive overview of the role of gastrointestinal endoscopy in diagnosis. The atlas contains an abundance of high-quality images of a wide range of diseases of the upper and lower gastrointestinal tract, accompanied by precise clinical descriptions. Normal findings and variants are also documented. Furthermore, many images obtained by means of advanced image-enhanced endoscopy, capsule endoscopy, device-assisted enteroscopy, and endoscopic ultrasound are included. This book will be an ideal reference for both specialists and trainees in gastroenterology. It will provide the reader with an invaluable store of knowledge and with the clear guidance required in order to perform gastrointestinal endoscopy to best effect.

Endotherapy in Biliopancreatic Diseases 2020 This volume presents the technical and cultural state of the art of two of the riskiest, most complex and operator-dependent digestive operative techniques: endoscopic retrograde cholangiopancreatography (ERCP) and endoscopic ultrasonography (EUS). The authors compare old and new techniques, shedding light on the most recent and innovative scientific findings, including those in the field of anatomic pathology and molecular biology considered relevant for the analysis of tissue samples collected during EUS. In view of the technical difficulties specific to these techniques, the book also offers access to online-videos and numerous images, making it a valuable resource both for physicians approaching these techniques for the first time as well as for those already using them. Organized into 7 sections, it describes in detail all techniques related to ERCP/EUS, together with any specific technical equipment required. It also presents a new paradigm based on the latest results in the areas of prevention, diagnosis and management of the most common complications. Clinical outcomes presented in international literature, as well as algorithms - both based on scientific evidence and expert findings - are illustrated and compared to alternative treatments.

Criminal Justice Peter Joyce 2013-01-17 This book provides a comprehensive, up to date and detailed introduction to the criminal justice system for students and practitioners needing to know about this. It assesses the main theories concerned with the causes of crime (including white collar and corporate crime), and provides a detailed account and analysis of the response of the state to crime in England and Wales. It discusses the operation of all key agencies, including the police, probation and prison services, and the legal and youth justice systems. It also examines a number of contemporary issues affecting the criminal justice system, including the partnership approach to crime prevention, the implementation of the Macpherson report and the issue of race and crime more generally; and examines a number of important new areas within criminal justice, such as restorative justice. The book is an ideal text for students taking courses in criminal justice, or studying criminal

justice as a component of a broader course in criminology or the social sciences more generally. It has a wide range of student friendly features, including questions and answers, case studies, chapter summaries, website resource guide, glossary of key terms, and is written in a highly accessible manner.

Foregut Surgery Marco G. Patti 2019-11-22 ?This book provides a state-of-the-art description of the clinical evaluation, diagnosis, management, and treatment of achalasia, gastroesophageal reflux disease, paraesophageal hernia, and morbid obesity. The prevalence of such diseases is increasing worldwide due to higher awareness and improved diagnosis rate. The text is divided in three different parts, each covering detailed surgical techniques of the main foregut operations: achalasia, gastroesophageal reflux disease (GERD), and obesity. Written by experts in the field, chapters focus on the preoperative work-up, indications, and technical aspects of each operation. Foregut Surgery proves to be an irreplaceable resource for surgeons, gastroenterologists, medical students, and surgical residents that care for patients with reflux, achalasia, and morbid obesity.

Commerce Business Daily 1998-10

Building an Inclusive Development Community Karen Heinicke-Motsch 2004 * An essential resource for all development agencies seeking to include people with disabilities * User-friendly tools and practical advice from experienced practitioners There are four hundred million people with disabilities living in developing countries today. All too often they live in poverty and isolation. If development is to truly address the needs of the poor and marginalized, the inclusion of people with disabilities is crucial. Building an Inclusive Development Community is a toolkit for development agencies and others concerned with the participation of people with disabilities at all levels and in all areas of the international development process. The manual is organized into issues and includes helpful worksheets, best practice examples, resources and much more.

Folate in Health and Disease Lynn B. Bailey 1994-12-01

The asbestos lie. The past and present of an industrial catastrophe Maria Roselli, journalist 2014-06-24 For decades asbestos was considered an ideal substance and therefore was called 'the mineral of the twentieth century'. Even though the fiber had already proven much earlier to cause various ailments, a real boom began in the 1950s and prospered everywhere in Europe. ???This book retraces the history of the Swiss asbestos cement company Eternit, investigating the strategy it developed – together with other asbestos industrialists – to prevent this carcinogen from being outlawed until, in 1999, an EU Directive was finally adopted to this end. The book also reviews the struggle of the asbestos workers and their families to gain official recognition of, and compensation for, the harm suffered.

Ethnicity, Nationalism and Violence Christian P. Scherrer 2017-11-22 This title was first published in 2003. Meticulously documenting Intra-state violence and the responses to it from a global perspective, this volume deals with a core element of future global governance within its historical and sociological context. It provides a striking analysis of the prevention of violence and resolving conflict, elaborating on the role that key regional and international organizations (e.g. UN, OSCE, COE, OAU-AU and OSA) have or should have in the prevention of violence and terrorism, as well as in the protection of human and minority rights. The work is an invaluable addition to the collections of scholars and students in the fields of peace and conflict research, international relations, sociology, ethnic studies, international law and development research.

Applied Laser Medicine H. Breuer 2012-12-06 This handbook is intended for the advanced specialist and for the practitioner interested in the application of lasers in medicine. It provides summaries of all available medical laser systems and their clinical use. The first part introduces basic laser physics, including laser-tissue interactions as well as technical equipment and particular techniques developed for medical use in connection with laser. The second part of the text covers all areas of laser application in medicine and has been written by senior specialists from different countries. The book includes about 300 line drawings, more than 100 high quality photographs, an extensive subject and author register, and an exhaustive list of references.

Certain Endoscopic Probes for use in Argon Plasma Systems, Inv. 337-TA-569

Manual of Spine Surgery Uwe Vieweg 2012-10-23 The success of any spinal operation depends on good definition of the indications, consideration of the contraindications, technical and organizational factors, good operating technique and correct preoperative preparation and positioning of the patient. These points are presented in this book as clearly as possible and are illustrated with detailed high quality artwork.

Handbook of Herbs and Spices K. V. Peter 2004-03-23 Together with its companion volume, Handbook of herbs and spices: Volume 2 provides a comprehensive and authoritative coverage of key herbs and spices. Chapters on individual plants cover such issues as description and classification, production, chemical structure and properties, potential health benefits, uses in food processing and quality issues. Authoritative coverage of more than 50 major herbs and spices Provides detailed information on chemical structure, cultivation and definition Incorporates safety issues, production, main uses, health issues and regulations

AmGov Christine Barbour 2019-02-12 All the fundamentals. No fluff. Learn more with less! A truly revolutionary American Government textbook, Christine Barbour's

AmGov: Long Story Short, responds to the needs of today's students and instructors through brevity and accessibility. The succinct ten chapters are separated by tabs that make it easy to skim, flip, revisit, reorient, and return to content quickly. Reading aids like bullets, annotations and arrows walk students through important facts and break up the material in short, engaging bites of information that highlight not only what is important but why it's important. Though brief, this core book is still robust enough to provide everything that students need to be successful in their American Government course. Whether for the on-the-go student who doesn't have time to read and digest a lengthy chapter, or the instructor who wants a book that will stay out of their way and leave room for plenty of supplementary reading and activities, AmGov provides a perfectly simplified foundation for a successful American Government course.

Recent Advances in Coloproctology John Beynon 2012-12-06 Recent Advances in Coloproctology provides a thorough overview of modern developments in the surgical treatment of disorders of the lower intestine including ulcerative colitis/severe acute colitis, Crohn's disease, carcinomas, haemorrhoids and anal incontinence.

Recognizing that the surgeon does not work in isolation, the book also integrates recent progress in imaging techniques for the anal canal and rectum, and highlights medico-legal considerations in separate chapters. Aimed at current practitioners and trainees, Recent Advances in Coloproctology discusses key concepts that will assist general surgeons and colorectal consultants in their management of patients with a broad spectrum of anorectal and colonic disorders. With a problem-oriented slant, this book is essential reading for all those with interest in coloproctology.

Endoscopic Mucosal Resection Massimo Conio 2008 Endoscopic mucosal resection is a new endotherapy technique that can avoid the need for open surgery in the treatment of many superficial gastrointestinal cancers. In this practical 'how-to' manual, experts in the field provide specific, technical guidance on all aspects of endoscopic mucosal resection relevant to therapeutic endoscopic practice. The book provides an in-depth analysis of the technique, including methods and particularities that are not usually reported in scientific articles. Each chapter includes a comprehensive literature analysis and is supported by detailed illustrations, tables and photographs.

Exploring the C-SPAN Archives Robert X. Browning 2015-11-15 Exploring the C-SPAN Archives is a collection of path-breaking research studies that use video drawn from the C-SPAN Archives. The book, based on the papers presented at a November 2014 conference, includes chapters that explore issues in presidential debates, minority representation, the presentation of the first ladies, stem research, and innovative ways to analyze video. The book is divided into five parts: Part 1 consists of an overview of and common scholarship using the C-SPAN Archives and how this research advances the conversation after previously published studies. Featured are the ways in which the collection is indexed and tips on how individuals can find particular materials. This section is essential for increased scholarship and pragmatic applications. Part 2 contains applied research using the video collection. Topics in this section include a look at oral histories of minority members of Congress, an analysis of presidential debates, and the presentation style of Michelle Obama. Part 3 is focused on STEM research, including concepts and contradictions in the debate over STEM initiatives, expertise and evidence in science presentations in the C-SPAN Archives, and the framing of technology issues in a C-SPAN television series, The Communicators. Part 4 presents innovative research using C-SPAN and new computer technology. Two scholars take different technical approaches to evaluate polarization and communication using audio levels and video images. Finally, in Part 5, David Caputo presents ideas on the value of massive open online courses (MOOCs) using C-SPAN and reflects on the use of C-SPAN for citizen education in what he terms the "postdigital world." Additionally, Patrice Buzzanell contributes a reflective essay on the future directions of research using the C-SPAN Archives based on the essays in this volume.

Therapeutic Endoscopy in the Gastrointestinal Tract Georg Kähler 2017-11-20 This book, written by experts on gastroenterology and digestive surgery, provides comprehensive and detailed descriptions of all established and newly developed interventional endoscopic procedures. For each procedure, it addresses: indications; staff, instrumental and technical requirements; and results, potential complications and their management. Also featuring a wealth of images and drawings of the procedures, as well as helpful hints and tips, the book offers a valuable resource for young and seasoned internists and surgeons alike, as well as endoscopy specialists in other fields.

Immunotherapy – A Novel Facet of Modern Therapeutics Sujata P. Sawarkar 2020-12-16 This book illustrates the significance and relevance of immunotherapy in modern-day therapeutics. Focusing on the application of immunotherapy in oncology, neurodegenerative and autoimmune diseases, it discusses the drug delivery systems, and pre-clinical and clinical methodologies for immunotherapy-based drugs. It also comprehensively reviews various aspects of immunotherapy, such as regulatory affairs, quality control, safety, and pharmacovigilance. Further, the book discusses the in vitro validation of therapeutic strategies prior to patient application and management of immunotherapy-related side effects and presents case studies demonstrating the design and development (pre-clinical to clinical) of immunotherapy for various diseases. It also describes various design considerations and the scale-up synthesis of immunotherapeutics and screening methods. Lastly, it explores the

important aspect of cost-effectiveness and rational immunotherapy strategies.

Springer Handbook of Automation Shimon Y. Nof 2009-07-16 This handbook incorporates new developments in automation. It also presents a widespread and well-structured conglomeration of new emerging application areas, such as medical systems and health, transportation, security and maintenance, service, construction and retail as well as production or logistics. The handbook is not only an ideal resource for automation experts but also for people new to this expanding field.

Clinical Gastrointestinal Endoscopy Gregory G. Ginsberg 2005 This outstanding new resource comprehensively covers the use of endoscopic procedures to diagnose and treat the full range of gastrointestinal disorders, from the proven to the most cutting-edge techniques. Internationally respected experts-pioneers in the field-bring you an extremely readable, yet complete text, stunning clinical photographs, clear step-by-step illustrations, and much more. You'll also find unique algorithms that offer protocols for patient care and tables that present key data. In addition, a bonus DVD that provides access to clinical photographs and videos of endoscopic procedures. Opens with a section that offers crucial, practical information on equipment and suite management. · Provides coverage on how to diagnose and treat every condition endoscopically, including strictures · enteral access · GERD · inflammatory, infectious, and functional disorders of the digestive tract · neoplasms · and ERCP and EUS. · Presents information on cutting-edge techniques that may become part of daily practice. · Includes many stunning endoscopic photographs and step-by-step illustrations. · Comes with a bonus DVD that shows you real-time, expert demonstrations of techniques. · Features the expertise of internationally respected authorities and pioneers in the field. With 91 additional contributing experts.

Decellularized Scaffolds and Organogenesis Kursad Turksen 2018-07-21 This practical, hands-on volume examines the use of decellularized tissues and organs as biologically-active scaffolds by providing numerous approaches from experts in the field. While knowledge of how to grow and differentiate cells in culture has dramatically improved over time, the book addresses the challenges of how to instruct particular cells of interest to recognize and respond to their environment so as to proliferate, differentiate, and function for restoration of original tissue and organ form and function. Written for the highly successful *Methods in Molecular Biology* series, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and easy to use, *Decellularized Scaffolds and Organogenesis: Methods and Protocols* share novel approaches and insights that will provide new opportunities for those already in the field or moving to enter the field.

Pelvic Ring Fractures Axel Gänsslen 2020-11-25 This book provides in-depth coverage of all aspects of pelvic ring fractures and their management. The opening chapters supply essential information on surgical anatomy, biomechanics, classification, clinical evaluation, radiological diagnostics, and emergency and acute management. The various operative techniques, including navigation techniques, that have been established and standardized over the past two decades are then presented in a step-by-step approach. Readers will find guidance on surgical indications, choice of approaches, reduction and fixation strategies, complication management, and optimization of long-term results. Specific treatment concepts are described for age-specific fractures, including pediatric and geriatric injuries, and secondary reconstructions. Pelvic ring fractures represent challenging injuries, especially when they present with concomitant hemodynamic instability. This book will help trauma and orthopaedic surgeons at all levels of experience to achieve the primary treatment aim of anatomic restoration of the bony pelvis to preserve biomechanical stability and avoid malunion with resulting clinical impairments.

Gastrointestinal Interventional Endoscopy Mihir S. Wagh 2019-11-16 This volume provides a concise yet comprehensive overview of advanced techniques in interventional endoscopy beyond ERCP and EUS. Comprised of sections on endoscopic resection (including EMR, ESD, STER and EFTR), bariatric endoscopy, endoscopic myotomy (POEM, GPOEM, ZPOEM and PREM), endoscopic anti-reflux therapies, endoscopic tissue apposition, and advances in interventional EUS, the text highlights indications and technical details, assesses safety and efficacy, and provides quality metrics and training pathways for these endoscopic procedures. The book is also accompanied by multiple photos and videos illustrating these endoscopic techniques. Written by world renowned experts in the field, *Gastrointestinal Interventional Endoscopy: Advanced Techniques* is a valuable resource for gastroenterologists and surgeons interested in the latest advances in interventional endoscopy.

Minimally Invasive Thoracic and Cardiac Surgery Rolf Gilbert Carl Inderbitzi 2012-12-13 It is now 20 years since thoracoscopic surgery first entered everyday hospital practice, revolutionizing surgery and offering major benefits to patients. The intervening years have witnessed rapid progress, with the development of a variety of specialized techniques and equipment. This superbly illustrated book provides authoritative and comprehensive descriptions of the various minimally invasive techniques that are currently employed in thoracic and cardiac surgery. A wide range of thoracoscopic procedures are explained and discussed, and detailed attention is also paid to robotic and robot-assisted surgical techniques. Throughout, the emphasis is on clear description of procedures and identification of practical aspects of relevance in surgical practice. The authors are some of the world's most experienced thoracic and cardiac surgeons, and many of them have contributed greatly to the

exploration and development of the field.

Parentology Dalton Conley 2014-03-18 An award-winning scientist offers his unorthodox approach to childrearing: “Parentology is brilliant, jaw-droppingly funny, and full of wisdom...bound to change your thinking about parenting and its conventions” (Amy Chua, author of *Battle Hymn of the Tiger Mother*). If you’re like many parents, you might ask family and friends for advice when faced with important choices about how to raise your kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In *Parentology*, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley’s sassy kids show him the limits of his profession. *Parentology* teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You’ll be laughing and learning at the same time.

The SAGES Manual on the Fundamental Use of Surgical Energy (FUSE) Liane Feldman 2012-03-07 The *SAGES Manual on the Fundamental Use of Surgical Energy (FUSE)* emphasizes good communication and promotes best practice for the use of electrosurgical, ultrasonic, and microwave energy sources in the operating theatre. This manual describes the basic technology of energy sources in the operating room and demonstrates the correct use and indications of energy sources in clinical practice. It also addresses the potential complications, hazards, and errors in the use of surgical energy sources and evaluates the potential interactions of energy sources with other medical devices. Any healthcare professional who has ever picked up an energy device in the OR such as a “Bovie”, Ultrasonic or bipolar instrument will better understand how it works, when to apply it, and what are the possible hazards and errors in its use. The *SAGES Manual on the Fundamental Use of Surgical Energy (FUSE)* is the first volume of its kind to provide such guidance and will be of great value to surgeons, anesthesiologists, nurses, endoscopists, and allied health care professionals who use these devices.

Principles and Practice of Fertility Preservation Jacques Donnez 2011-02-03 The specialty of fertility preservation offers patients with cancer, who are rendered infertile by chemo- and radiotherapy, the opportunity to realize their reproductive potential. This gold-standard publication defines the specialty. The full range of techniques and scientific concepts is covered in detail, and the author team includes many of the world's leading experts in the field. The book opens with introductions to fertility preservation in both cancer and non-cancer patients, followed by cancer biology, epidemiology and treatment, and reproductive biology and cryobiology. Subsequent sections cover fertility preservation strategies in males and females, including medical/surgical procedures, ART, cryopreservation and transplantation of both ovarian tissue and the whole ovary, and in-vitro follicle growth and maturation. Concluding chapters address future technologies, as well as ethical, legal and religious issues. Richly illustrated throughout, this is a key resource for all clinicians specializing in reproductive medicine, gynecology, oncology, hematology, endocrinology and infertility.

Minimally Invasive Thyroidectomy Dimitrios Linos 2012-04-18 This book describes in detail the various techniques of minimally invasive thyroidectomy that have emerged in recent years and presents the new supportive equipment, including intraoperative monitoring and energy devices. In addition, the basic preoperative techniques that are a prerequisite to successful thyroidectomy are covered, and individual chapters are devoted to complications, outcomes, and post-thyroidectomy quality of life. Important related topics are also discussed, including guidelines for managing papillary and medullary thyroid cancer and the surgical management of metastatic lymph nodes. Both the editors and the authors are internationally renowned experts, and they include the founders of several of the techniques described. The up-to-date text is supplemented by many color pictures and medical illustrations, making the book very user-friendly and ideal for the busy surgeon or endocrinologist who is interested in the management of thyroid diseases.