

Bedside Techniques

Anesthesia for Otolaryngologic Surgery offers a comprehensive synopsis of the anesthetic management options for otolaryngologic and bronchoscopic procedures. Authored by world authorities in the fields of anesthesiology and otolaryngology, both theoretical concepts and practical issues are addressed in detail, providing literature-based evidence wherever available and offering expert clinical opinion where rigorous scientific evidence is lacking. A full chapter is dedicated to every common surgical ENT procedure, as well as less common procedures such as face transplantation. Clinical chapters are enriched with case descriptions, making the text applicable to everyday practice. Chapters are also enhanced by numerous illustrations and recommended anesthetic management plans, as well as hints and tips that draw on the authors' extensive experience.

Comprehensively reviewing the whole field, Anesthesia for Otolaryngologic Surgery is an invaluable resource for every clinician involved in the care of ENT surgical patients, including anesthesiologists, otolaryngologists and pulmonologists.

Evaluates newer and established techniques of body composition assessment.

Hemodynamics and Cardiology, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest cardiovascular challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire 6-volume set, which includes online access that allows you to search across all titles! Stay current in practice with coverage on issues such as the clinical implications of near-infrared spectroscopy in neonates, MRI imaging and neonatal hemodynamics, and hybrid management techniques for congenital heart disease. Access the fully searchable text online at www.expertconsult.com.

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Mechanical ventilation is the life-support technique most frequently used in critically ill patients admitted to intensive care units.

This Monograph discusses conventional and innovative ventilator modalities, adjuvant therapies, modes of extracorporeal respiratory support, and weaning from mechanical ventilation and noninvasive ventilation.

Part of the bestselling Secrets Series, the updated sixth edition of Neurology Secrets continues to provide an up-to-date, concise overview of the most important topics in neurology today. It serves as a comprehensive introduction for medical students, physician assistants, and nurse practitioners, and is also a handy reference and refresher for residents and practitioners. Lists, tables, and clear illustrations throughout expedite review, while the engaging Secrets Series format makes the text both enjoyable and readable. New lead editors, Drs. Kass and Mizrahi, join this publication from a leading neurology program to lend a fresh perspective and expert knowledge. Expedites reference and review with a question-and-answer format, bulleted lists, and practical tips from the authors. Covers the full range of essential topics in understanding the practice of neurology. Features "Key Points" boxes to further enhance your reference power. Presents a chapter containing "Top 100 Secrets" for an overview of essential material for last-minute study or self-assessment. Fits comfortably in the pocket of your lab coat to allow quick access to essential information. Completely revised content covers all of today's most common neurologic conditions and their treatments. New lead editors offer a fresh perspective and expert knowledge.

Advanced Training in Anaesthesia is authored by both trainees and specialists in order to create an authoritative yet accessible text. Containing everything candidates need to know to pass this final major hurdle in anaesthetic training, this book is ideal for exam revision. Suggestions for further reading are included for candidates wishing to read around the subjects. Topics in applied basic science are presented in a systems-based format, as laid out in the syllabus set by the Royal College of Anaesthetists, to allow for easy navigation and structured learning and revision.

Discover new concepts in cardiovascular and hemodynamic functionality in fetomaternal medicine, from leading experts in the field.

Noninvasive Vascular Diagnosis comprehensively covers all aspects of noninvasive evaluation of the circulatory system in the extremities. The increasing popularity of noninvasive techniques is not reflected in the number of comprehensive works on the topic and it is clear from the success of the first edition that the demand for an updated volume is increasing. This large format book is the definitive text written by the expert editors and contributors. It is well supported by exceptional illustrative material, producing the definitive work in the field. The book is invaluable to all those who work in vascular laboratories as well as internists, cardiologists, vascular laboratory directors and staff, general surgeons involved in vascular surgery and the vascular surgery community in general.

This is a book for clinician educators. It offers modern, evidence-based practices to use in teaching learners at a range of levels, with an emphasis on concrete strategies that teachers can implement in their own clinical practices as well as in small and large group settings. Medical education is rapidly changing with emerging evidence on best practices and a proliferation of new technologies. As strategies for effectively teaching medical learners evolve, it is important to understand the implications for Pulmonary, Critical Care, and Sleep Medicine (PCCM). This text is structured to allow easy access to the reader. Chapters are organized around level of learner (e.g., medical student to PCCM fellow to practicing physicians) as well as the location of teaching. Given the variety of clinical settings in which PCCM physicians teach, specific consideration of best practices, broad changes in curricular design and pedagogy are considered in different clinical contexts. Each chapter begins with a focus on why the topic is important for clinician educators. A review of the available evidence and relevant medical education theory about the topic follows, with examples from specific studies that provide insight into best practices regarding the concepts and topics discussed in the chapter. For chapters focusing on learners, different environments are considered and similarly, if the focus is on the learning environment, attention is paid to the approach to different learners. Each chapter ends with a summary of the primary points from the chapter and concrete examples of how clinician teachers can put the concepts discussed in the chapter into practice. This is an ideal guide for educators in pulmonary, critical care, and sleep medicine.

Dr. Richard Polin's Neonatology Questions and Controversies series highlights the most challenging aspects of neonatal care, offering trustworthy guidance on up-to-date diagnostic and treatment options in the field. In each volume, renowned experts address the clinical problems of greatest concern to today's practitioners, helping you handle difficult practice issues and provide optimal, evidence-based care to every patient. Stay fully up to date in this fast-changing field with Hemodynamics and Cardiology, 3rd Edition. A new editorial team and a completely redesigned volume with state-of-the-art chapters on neonatal hemodynamics. New chapters on the role of delayed cord clamping/cord milking, the relationship between neonatal transition and brain injury, the hemodynamics of the asphyxiated neonate, the hemodynamic impact of therapeutic hypothermia, and practical physiology-based approaches to the diagnosis and treatment of neonatal hypotension, PPHN and PDA. A new section discusses comprehensive real-time monitoring of neonatal hemodynamics, and its role in the establishment of precision medicine in neonatology and the prediction of neonatal sepsis using mathematical modelling of heart rate variability. Expanded sections review the clinical application of the tools available for bedside monitoring of systemic and organ blood flow and oxygen delivery and the approaches to the pathophysiology-based treatment of neonatal shock and outcomes. Consistent chapter organization to help you find information quickly and easily. The most authoritative advice available from world-class neonatologists who share their knowledge of new trends and developments in neonatal care. Purchase each volume individually, or get the entire 7-volume set! Gastroenterology and Nutrition Hematology, Immunology and Genetics Hemodynamics and Cardiology Infectious Disease and Pharmacology New Volume! Nephrology and Fluid/Electrolyte Physiology Neurology The Newborn Lung

The new Sixth Edition of this award-winning classic prepares its users for delivering expert care in this most challenging nursing specialty. It addresses neuroanatomy, assessment, diagnostic evaluation, and management of the complete range of neurological disorders for which nurses provide patient care, including trauma, stroke, tumors, seizures, headache, aneurysms, infections, degenerative disorders, and peripheral neuropathies. This edition has been thoroughly revised to reflect standards of care based on evidence-based practice. It now includes case studies, community nursing sections throughout, and increased coverage of normal pressure hydrocephalus, inflammatory demyelinating polyneuropathy, and Creutzfeldt-Jacob disease.

Genius Belabored is the fascinating story of Ignaz Semmelweis, a nineteenth-century obstetrician ostracized for his strident advocacy of disinfection as a way to prevent childbed fever, a leading cause of mortality in new mothers.

Now in paperback, the second edition of the Oxford Textbook of Critical Care addresses all aspects of adult intensive care management. Taking a unique problem-orientated approach, this is a key resource for clinical issues in the intensive care unit.

This updated and refined new edition is the only book to provide a comprehensive approach to the intensive care of neurologically injured patients from the emergency room and ICU through the operating room and post-surgical period. It reviews neuroanatomy, neuroradiology, and neurophysiology, examines the neurological problems most frequently seen in intensive care, and describes the various types of neurosurgery. General issues are discussed, such as cardiac care, fluids and electrolytes, nutrition, and monitoring as well as more specific conditions and complications including elevated intracranial pressure, seizures, and altered mental states.

This volume provides a comprehensive look into the innovative methods used to explore the visual system. From the way the brain processes vision, an imperative part of the human experience, to the role eye movement plays in a range of questions concerning visual perception, memory, attention, free will, and even topological diagnoses, this in-depth handbook gives neurologists, ophthalmologists, and neuro-ophthalmologists an invaluable tool to help them better understand the visual system. Disorders of the retinal and cerebral cortex, and those that affect control of eye and lid movements are thoroughly discussed, along with groundbreaking visual rehabilitative methods, and chapters on individual parts of the visual system. Practitioners will find a useful resource that lays out fundamental concepts, while seamlessly summarizing clinical and laboratory methods for neuro-ophthalmological evaluation. The material is perfect for early-stage physicians or long practicing specialists who wish to learn the latest developments in the field. * A comprehensive resource that explores the innovative methods used to understand the visual system * An in-depth study of how the brain processes vision, and the role certain functions such as eye movement play in visual diagnosis and memory * Clinical and laboratory methods of evaluation that are perfect for physicians and specialists in any stage of practice

This popular reference presents essential knowledge on physical diagnosis and health assessment in a practical and engaging question-and-answer format. A wealth of high-quality illustrations guide you through the first and most important of challenges involved in diagnosing any patient: performing the history and physical exam. Assessment techniques are highlighted and weighted based on their clinical importance. This detailed, highly focused and practical guide will equip you with the skills you need to confidently evaluate your patients! The proven question-and-answer format of the highly acclaimed Secrets Series® makes it easy to master all of the most important "need-to-know" information on physical diagnosis. Chapters are arranged by body system for practical, easy retrieval of key information. Author pearls, tips, memory aids, and "secrets" provide concise answers to the common questions encountered in everyday practice. The "Top 100" Secrets of History Taking and Physical Examination are conveniently listed in one place for quick review. A new chapter on interpreting presenting symptoms and physical findings to facilitate diagnosis. Key Points boxes in each chapter place essential information at your fingertips. 100 new line drawings clarify key concepts. The Secrets Heart and Lung Sounds Workshop—both in CD-ROM and online format—is available for purchase with the book, and through Student Consult online access, and features audio clips from actual patients, along with Dr. Mangione's commentary and a 32-page downloadable manual, to help you obtain the maximum diagnostic benefit from listening to heart and lung sounds. STUDENT CONSULT access allows you to view the complete contents of the book online, anywhere you go...perform quick searches...and add your own notes and bookmarks.

This volume provides an authoritative and balanced account of current knowledge and practice in the area of clinical nutrition. Based on the 4th edition of the renowned textbook of the same name, this softcover manual focuses on the information necessary to make clinical decisions in the ICU. It begins with a crucial section on responding to emergency situations in the ICU. It proceeds to cover the most relevant clinical information in all areas of critical care including critical care monitoring, techniques and procedures, essential physiologic concerns, shock states, pharmacology, surgical critical care, and infectious diseases. The manual also contains thorough reviews of diseases by organ system: cardiovascular diseases, respiratory disorders, neurologic and gastrointestinal disorders, renal, endocrine, skin and muscle diseases, and hematologic/ oncologic diseases. This essential new resource is written in an easy-to-read style that makes heavy use of bulleted lists and tables and features an all-new full color format with a color art program. All critical care providers will find this a useful clinical resource.

Veterinary Anesthesia and Analgesia: the Fifth Edition of Lumb and Jones is a reorganized and updated edition of the gold-standard reference for anesthesia and pain management in veterinary patients. Provides a thoroughly updated edition of this

comprehensive reference on veterinary anesthesia and analgesia, combining state-of-the-art scientific knowledge and clinically relevant information Covers immobilization, sedation, anesthesia, and analgesia of companion, wild, zoo, and laboratory animals Takes a body systems approach for easier reference to information about anesthetizing patients with existing conditions Adds 10 completely new chapters with in-depth discussions of perioperative heat balance, coagulation disorders, pacemaker implantation, cardiac output measurement, cardiopulmonary bypass, shelter anesthesia and pain management, anesthetic risk assessment, principles of anesthetic pharmacology, and more Now printed in color, with more than 400 images

The most important and reliable resource for treating diseases of the liver For more than 55 years, "Schiff" has been acclaimed as the most outstanding liver book in the world. This new 12th edition brings the field completely up to date and includes a companion website that features a wide-variety of accessory materials. The text is evidence-based to offer hepatologists and gastroenterologists treating patients with liver disease a comprehensive and essential resource. The text highlights clinical practice and covers anatomy, pathology, testing, imaging, and the effects of liver disease on other organs. The book is written in clear and accessible terms and key features include: Treatment guidelines and management algorithms for every disease Full-color attractive design throughout the text Informative section overviews for each section Concise key concepts box in every chapter A full liver transplant section This 12th edition is thoroughly revised with the latest clinical information. The new edition offers: Information on acute and chronic liver failure and infections in cirrhosis Over 100 MCQs Downloads for Powerpoint™ making the content ideal for presentations Schiff's Diseases of the Liver is designed to be a first-stop reference for dealing with today's demanding clinical situations.

This reference book compiles the most recent developments in experimental and clinical research and practice in one comprehensive edition. 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. Endorsed by the Australian College of Critical Care Nurses (ACCCN) ACCCN is the peak professional organisation representing critical care nurses in Australia Written by leading critical care nursing clinicians, Leanne Aitken, Andrea Marshall and Wendy Chaboyer, the 4th edition of Critical Care Nursing continues to encourage and challenge critical care nurses and students to develop world-class practice and ensure the delivery of the highest quality care. The text addresses all aspects of critical care nursing and is divided into three sections: scope of practice, core components and specialty practice, providing the most recent research, data, procedures and guidelines from expert local and international critical care nursing academics and clinicians. Alongside its strong focus on critical care nursing practice within Australia and New Zealand, the 4th edition brings a stronger emphasis on international practice and expertise to ensure students and clinicians have access to the most contemporary practice insights from around the world. Increased emphasis on practice tips to help nurses care for patients within critical care Updated case studies, research vignettes and learning activities to support further learning Highlights the role of the critical care nurse within a multidisciplinary environment and how they work together Increased global considerations relevant to international context of critical care nursing alongside its key focus within the ANZ context Aligned to update NMBA RN Standards for Practice and NSQHS Standards

Now in its Seventh Edition, DeJong's The Neurologic Examination has been streamlined and updated for a new generation. An absolutely comprehensive, detailed guide to techniques on the neurologic examination, this book integrates details of neuroanatomy and clinical diagnosis in a readable manner. The text is supplemented by helpful boxes that highlight clinical pearls and offer illustrative cases, and tables summarize differentials and lists of clinical findings.

Bedside Techniques Methods of Clinical ExaminationBEDSIDE TECHNIQUES.Diagnostic Tests in NeurologyA Photographic Guide to Bedside TechniquesYear Book Medical PubNovel Bedside Techniques for Functional Residual Capacity MeasurementBedside Techniques for Optimizing Drug DosageBody Composition Techniques in Health and DiseaseCambridge University Press

This book provides a concise yet comprehensive overview of pediatric acute respiratory distress syndrome (PARDS). The text reviews the emerging science behind the new PARDS definition; explores epidemiology, pathobiology, etiologies, and risk factors; reviews state-of-the-art treatment modalities and strategies; and discusses clinical outcomes. Written by experts in the field, Pediatric Acute Respiratory Distress Syndrome: A Clinical Guide is a valuable resource for clinicians and practitioners who specialize in pediatric critical care.

"When a thing ceases to be a subject of controversy, it ceases to be a subject of interest. " WILLIAM HAZLITT (1778-1830) This is the fourth volume in a series which we started in 1997. In 1976, Varco and Delaney edited a "surgical bestseller" entitled Controversy in Surgery. This was followed by a second volume in 1985. The immense success of these books among both surgical trainees and experienced surgeons, and their wide international appeal, supported the editors' notion that a view of controversy is integral to teaching. However, despite major advances in surgical science and practice, no other similar publication has since been put together with the objective of addressing major controversies in surgery. The aim of this series is to address such deficiency by covering the most crucial current controversies in general, vascular and trauma surgery. Since almost everything is controversial in surgery, we will be able to tackle different issues almost each year. The editors have selected a nationally/internationally recognized authority for each topic. Most books available today are either "North American:" "British-Commonwealth" or "British-European:" contributing to the constant transatlantic rivalry. Our series specifically aims to bridge this "culture gap" and includes North American, British, European, and other authors while maintaining a cohesive structure. This will hopefully also broaden the appeal of such a book across both sides of the Atlantic and beyond.

The present two volume book "Brain Injury" is distinctive in its presentation and includes a wealth of updated information on many aspects in the field of brain injury. The Book is devoted to the pathogenesis of brain injury, concepts in cerebral blood flow and metabolism, investigative approaches and monitoring of brain injured, different protective mechanisms and recovery and management approach to these individuals, functional and endocrine aspects of brain injuries, approaches to rehabilitation of brain injured and preventive aspects of traumatic brain injuries. The collective contribution from experts in brain injury research area would be successfully conveyed to the readers and readers will find this book to be a valuable guide to further develop their understanding about brain injury.

This portable paperback bench manual contains the thoroughly updated atlas of procedures and techniques and the new section on noninvasive monitoring from Irwin and Rippe's Intensive Care Medicine, Sixth Edition. In a user-friendly format, this extremely practical "how-to" guide provides graphically illustrated, step-by-step instructions for every diagnostic, therapeutic, and noninvasive

monitoring procedure used in adult critical care. Coverage of each procedure includes indications, contraindications, equipment, anatomy, technique, complications, and ongoing care. All ICU staff as well as general practitioners can depend on this manual for immediate access to reliable, easy-to-follow instructions.

The topics covered in Volume 27 would be of direct relevance to neurospecialists in their day-to-day clinical practice. Advances in multiple sclerosis, ischemic stroke, epilepsy surgery and syringomyelia are elaborated for the reader. There is a comprehensive coverage of management of tumors in eloquent areas. Evidence-based management of spinal metastasis and the scientific evidence for decompressive craniotomy are presented. The controversies regarding the management of recurrent glioblastomas as well as the need to shunt a syrinx associated with Chiari malformation are strongly debated. Allied fields such as radiation therapy and neuropsychology are demystified and explained in a lucid manner.

Clinical Gastrointestinal Endoscopy, 2nd Edition, by Drs. Gregory G. Ginsberg, Michael L. Kochman, Ian D. Norton, and Christopher J. Gostout, helps you master the latest endoscopic techniques and achieve optimal outcomes. See how to perform key nuances with procedural videos at www.expertconsult.com in addition to 1,000 photographs, upgraded endoscopic images, and anatomical drawings both in print and online. Written by some of today's most prestigious specialists and with many new and fully updated chapters, this resource equips you to diagnose and treat the full range of GI disorders with state-of-the-art coverage of bariatric surgery, therapeutic EUS, device-assisted enteroscopy, image-guided therapy, intramural endotherapy, and much more. Get comprehensive details on a wide breadth of topics including anatomy, pathophysiology, and therapeutic management options in addition to the latest GI procedures and technologies. Advance your knowledge on the rapidly evolving state of clinical gastrointestinal endoscopy with expert multimedia guidance from some of today's most prestigious specialists. Master new procedures with updates on the endoscopic management of bariatric surgery; EUS as a tool to direct endoscopic therapies; device-assisted enteroscopy for deep exploration of the small intestine; image-guided therapy to help detect cancer earlier; intramural endotherapy including the new POEM procedure; and much more. Keep current with both new and emerging technologies including the management of upper gastrointestinal familial adenomatous polyposis syndrome and ampullary tumors; post-bariatric endoscopy and endoscopic therapy; endoluminal bariatric techniques, and intramural/transmural endoscopy. See how to perform key procedures step by step with endoscopic videos at www.expertconsult.com, and access the complete text, online-only references, and all the illustrations. View techniques more clearly with upgraded endoscopic images and step-by-step illustrations in most chapters.

This book encompasses the proceedings of a very successful post graduate course entitled "Radiology Today" held in Salzburg in June 1980. It was organised by Dr. Martin W. Donner of Baltimore and Dr. F. H. W. Heuck of Stuttgart. It was attended by 230 radiologists from 17 countries. The aim was to select a certain number of subjects in diagnostic radiology and in each to have a broad spectrum overview reviewing recent advances presented by an acknowledged expert, followed by a series of rather more detailed papers on various aspects of that field, again given by acknowledged experts drawn from countries throughout Europe and also from the United States of America. This series of presentations on a theme was then followed later the same day by a "workshop" discussion at which the speakers, sometimes joined by other experts from collateral fields of interest, acted as a panel for discussion with the over-view speaker acting as moderator.

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