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Breast Imaging: The Requisites E-Book
Veterinary Epidemiology and Economics in Africa
Bangladesh Population Census, 1991: Brahmanbaria
The Globalization of China's Health Industry
Human and Machine Hearing
The Publishers Weekly
Defending the Master Race
Integrated Role of Nutrition and Physical Activity for Lifelong Health

SKYLAR FRIDA

Pediatric Radiology Springer

This book covers all clinical aspects of acute respiratory distress syndrome (ARDS), from definition to treatment, focusing on the more recent recommendations and evidence-based medicine. The addressed topics are the various ventilation strategies, the impact of prone positioning, the use of partial and total extracorporeal support, the value of vasodilators, the weaning from mechanical ventilation, the pharmacological interventions, noninvasive ventilation, and the strategies using anti-inflammatory agents and stem cells. Furthermore, different related topics are also discussed, such as lung imaging, sedation, metabolic support, and hemodynamic instability. A concluding chapter specifically addresses ARDS in children. This up-to-date volume, written by experts in the field, will be of value for all health care practitioners seeking state of the art on the management of patients with this complex syndrome.

Fluorescent Nanodiamonds Routledge

An Overview of TCI and TIVA was written by two pioneers in the field of targeted drug delivery in anesthesia. Despite its small size, this book is a rich source of information on the structure, function, and clinical applications of target-controlled infusion (TCI) systems. [...] The text has the appearance of class notes rather than a formal manual; however, this feature enhances the tutorial dynamics of the book and should attract individuals involved in learning such as anesthesia residents and specialists flirting with total intravenous anesthesia (TIVA). - David O. Warner, editor of *Anesthesiology*. AUTHORS: Anthony Absalom is Professor of Anesthesiology at the University of Groningen. Michel Struys is Professor on Anaesthesia at Ghent University and the Universal Medical Center Groningen and Director at the *British Journal of Anaesthesia*. 27 b/w images

eHealth 360° Springer

This book provides an overview of fetal psychobiological research, focusing on brain and behavior, genetic and epigenetic factors affecting both short and long-term development, and technological breakthroughs in the field. These focal points

intersect throughout the chapters, as in the challenges of evaluating the fetal central nervous system, the myriad impacts of maternal stressors and resiliencies, and the salience of animal studies. It also discusses specific monitoring and assessment methods, including cardiotocography, biomagnetometry, 4D ultrasound, in utero MRI, and the KANET test. Spanning assessment, identification, and pre- and postnatal intervention, the book weighs the merits of standardized evaluations and argues for more integrative research in the future. Included in the coverage: Effects on the fetus of maternal anxiety, depression, and stress during pregnancy. Clinical and experimental research in human fetuses and animal models. Observational research including the use of behaviors in developing tests to assess fetal health. Fetal auditory processing and implications for language development. Fetal effects of prenatal exposure to selective SRI antidepressant exposure. Structural and functional imaging of the prenatal brain. The effects of alcohol exposure on fetal development. Fetal Development: Research on Brain and Behavior, Environmental Influences, and Emerging Technologies is an essential resource for researchers, clinicians and related professionals, as well as students in a wide range of fields such as developmental psychology, pediatric and obstetrical medicine, neuroscience, nursing, social work, and early childhood education.

Multifunctional Theranostic Nanomedicines in Cancer

Academic Press

This book offers a unique and focused study of the use of ultrasound during the first trimester, a critical time in a fetus' development. It includes basic examination guidelines as well as cutting-edge ultrasound modalities, including Doppler and three-dimensional ultrasound, for the period immediately preceding conception through early embryology. Beginning with a discussion of the safety and efficacy of diagnostic ultrasound and the use of this modality for the evaluation and treatment of infertility, recognized experts in the field explore conditions that may interfere with normal conception or development, including maternal diseases that would benefit from early scanning, elements of teratology, multiple gestations, ectopic pregnancy, gestational trophoblastic disease, fetal anomalies and invasive procedures in the first trimester. Numerous illustrations and

figures are provided to serve as aids for understanding key concepts. First-Trimester Ultrasound is a valuable resource for many, in or after training, in obstetrics and gynecology, radiology, emergency medicine, family medicine and genetics.

An Overview of TCI and TIVA Springer Nature

This bestselling volume in The RequisitesT Series provides a comprehensive introduction to timely ultrasound concepts, ensuring quick access to all the essential tools for the effective practice of ultrasonography. Comprehensive yet concise, Ultrasound covers everything from basic principles to advanced state-of-the-art techniques. This title perfectly fulfills the career-long learning, maintenance of competence, reference, and review needs of residents, fellows, and practicing physicians. Covers the spectrum of ultrasound use for general, vascular, obstetric, and gynecologic imaging. Fully illustrated design includes numerous side-by-side correlative images. Written at a level ideal for residents seeking an understanding of the basics, or for practitioners interested in lifelong learning and maintenance of competence. Extensive boxes and tables highlight differential diagnoses and summarize findings. "Key Features" boxes offer a review of key information at the end of each chapter. Explore extensively updated and expanded content on important topics such as practical physics and image optimization, the thyroid, salivary glands, bowel, musculoskeletal system, cervical nodal disease, ectopic pregnancy, early pregnancy failure, management of asymptomatic adnexal cysts, practice guidelines - and a new chapter on fetal chromosome abnormalities. Visualize the complete spectrum of diseases with many new and expanded figures of anatomy and pathology, additional correlative imaging, and new schematics demonstrating important concepts and findings. Further enhance your understanding with visual guidance from the accompanying electronic version, which features over 600 additional figures and more than 350 real-time ultrasound videos. Expert Consult eBook version included with purchase. The enhanced eBook experience allows you to view the additional images and video segments and access all of the text, figures, and suggested readings on a variety of devices.

Pediatric Head Trauma ILRI (aka ILCA and ILRAD)

Histopathological assessment of tissue sections is an important

componant of many preclinical studies which are conducted to support the safety and clinical development of novel therapeutic agents for use in the treatment of human diseases. The drug discovery process, aided by modern biotechnology, is now capable of generating highly potent, pharmacologically active agents which can give rise to quite unusual constellations of tissue pathology. The complexity and the number of histopathological findings in individual studies indicate the need for lucidity in descriptions and conclusions. In the light of these and other difficulties, this text is aimed towards bringing together into one volume a description of histopathological changes which relate to toxicity testing of therapeutic agents in the usual test species: rat, mouse, dog and non-human primate. This book is an excellent starting point for the analysis of drug-induced findings in toxicity studies.

The Horrors of the Half-Known Life Springer

Cardiovascular diseases are still the leading cause of death in developed countries. Revascularization procedures such as coronary artery and peripheral bypass grafts, as well as access surgery represent a 2\$ billion market yearly for the US alone. Despite intense research over many decades, no clinically suitable, shelf-ready, synthetic, vascular, small-caliber graft exists. There is therefore still a quest for such a clinical vascular prosthesis for surgical revascularization procedures and access surgery. Many approaches have been tried and are currently under investigation with promising results. These range from acellular and cell-based, stable or bio-degradable, synthetic scaffolds to biological or decellularized grafts, not forgetting self-assembly technologies for in vitro or in vivo VTE. All these approaches can be further enhanced by functionalization, e.g. with growth factors and drug elution. This updatable book aims to cover all the relevant aspects of Vascular Tissue Engineering (VTE) and novel alternatives to develop vascular grafts for clinical applications. The chapters in this book cover different aspects of manufacturing scaffolds with various polymers, mechanical characteristics, degradation rates, decellularization techniques, cell sheet assembly, 3-D printing and autologous mandril-based VTE. All the necessary in vitro tests such as biocompatibility and thrombogenicity are reviewed. Pre-clinical assessment of in vivo experimental models include patency, compliance, intimal hyperplasia, inflammatory reaction, cellular ingrowth and

remodeling. Finally, early clinical trials will be periodically updated regarding results, regulatory aspects and post-marketing quality assessment. Furthermore, the reader should get an insight into various approaches, technologies and methods to better understand the complexity of blood surface and cell interactions in VTE. Translational research has yielded early human applications clearly showing the enormous need of research in the field to provide better solutions for our patients and this continuously updated book will hopefully become a reference in the field for life sciences.

Diagnostic Ultrasound Springer Science & Business Media
With contributions by numerous experts

Morgan and Mikhail's Clinical Anesthesiology, 5th edition
Springer Science & Business Media

Now in its 3rd Edition, this bestselling volume in the popular Requisites series, by Drs. Debra M. Ikeda and Kanae K. Miyake, thoroughly covers the fast-changing field of breast imaging. Ideal for residency, clinical practice and certification and MOC exam study, it presents everything you need to know about diagnostic imaging of the breast, including new BI-RADS standards, new digital breast tomosynthesis (DBT) content, ultrasound, and much more. Compact and authoritative, it provides up-to-date, expert guidance in reading and interpreting mammographic, ultrasound, DBT, and MRI images for efficient and accurate detection of breast disease. Features over 1,300 high-quality images throughout. Summarizes key information with numerous outlines, tables, "pearls," and boxed material for easy reference. Focuses on essentials to pass the boards and the MOC exam and ensure accurate diagnoses in clinical practice. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. All-new Breast Imaging-Reporting and Data System (BI-RADS) recommendations for management and terminology for mammography, elastography in ultrasound, and MRI. Step-by-step guidance on how to read new 3D tomosynthesis imaging studies with example cases, including limitations, and pitfalls. More evidence on the management of high risk breast lesions. Correlations of ultrasound, mammography, and MRI with tomosynthesis imaging. Detailed basis of contrast-enhanced MRI studies. Recent nuclear medicine techniques such as FDG PET/CT, NaF PET.

Echoes of War Springer

An introduction to the planning and evaluation of disease control policy; Epidemiology: some basic concepts and definitions; The use of descriptive statistics in the presentation of epidemiological data; The epidemiological approach to investigating disease problems; Statistical methods in the analysis of epidemiological data; An introduction to the use of economics in the planning and evaluation of disease control programmes; Estimating the costs of diseases and the benefits of their control; Economics and decision-making in disease control policy; Modelling in veterinary epidemiology and economics.

Book of Abstracts of the 69th Annual Meeting of the European Federation of Animal Science Springer

Ultrasound imaging is one of the most important and widely used diagnostic tools in modern medicine, second only to the conventional x-ray. Although considered a mature field, research continues for improving the capabilities and finding new uses for ultrasound technology while driving down the cost of newer, more complicated procedures such as int

Inflammation Protocols John Wiley & Sons

Multifunctional Theranostic Nanomedicines in Cancer focuses on new trends, applications, and the significance of novel multifunctional nanotheranostics in cancer imaging for diagnosis and treatment. Cancer nanotechnology offers new opportunities for cancer diagnosis and treatment. Multifunctional nanoparticles harboring various functions—including targeting, imaging, and therapy—have been intensively studied with the goal of overcoming the limitations of conventional cancer diagnosis and therapy. Thus theranostic nanomedicines have emerged in recent years to provide an efficient and safer alternative in cancer management. This book covers polymer-based therapies, lipid-based therapies, inorganic particle-based therapies, photo-related therapies, radiotherapies, chemotherapies, and surgeries.

Multifunctional Theranostic Nanomedicines in Cancer offers an indispensable guide for researchers in academia, industry, and clinical settings; it is also ideal for postgraduate students; and formulation scientists working on cancer. Provides a comprehensive resource of recent scientific progress and novel applications of theranostic nanomedicines Discusses treatment options from a pharmaceutical sciences perspective Includes translational science and targeted CNS cancer treatment

First-Trimester Ultrasound Springer Science & Business Media

This comprehensive reference on the fundamentals of hemodialysis access creation and advanced management for maintenance is designed to meet the needs of all surgeons and physicians responsible for the treatment and care of patients undergoing dialysis. The book opens by discussing every aspect of dialysis access planning, including selection of the right access for the individual patient and access strategies. Hemodialysis access techniques, from the most basic to the most complex and unconventional, are then described step by step, and guidance is provided on follow-up. Detailed attention is also devoted to the challenging management of specific complications of dialysis access surgery, including failing hemodialysis access. The book includes a wealth of informative, high-quality images and illustrations, and the authors are prominent vascular surgeons, transplant surgeons, general surgeons, nephrologists, and interventional radiologists from across the United States.

Computational Signal Processing and Analysis Lannoo Publishers
This book constitutes the proceedings of the International Summit on Electronic Healthcare, eHealth 360°, held in Budapest, Hungary, in June 2016. The 55 revised full papers presented along with 9 short papers were carefully reviewed and selected from 81 submissions. The papers represent the latest results from the co-located conferences as the track on games for wellbeing, the track on wearables in healthcare, the track on personal, pervasive and mobile health, the track on IoT and big data technologies for healthcare, the track on mobile medical multimedia technologies, applications and services and the track on ambient assisted living technologies based on IoT.

Micro/Nano Devices for Blood Analysis Springer Science & Business Media

This book breaks new ground by bringing postmodern writings on vision and embodiment into dialogue with medieval texts and images: an interdisciplinary strategy that illuminates and complicates both cultures. This is an invaluable reference work for anyone interested in the history and theory of visibility, and it is essential reading for scholars of art, science or spirituality in the medieval period.

Duplex Sonography Cambridge University Press

This book explores the ongoing transition of China's economy by examining how its healthcare industry is growing and changing. The coronavirus pandemic has reinforced one of the authors' key points: in our complex, fragile, and interconnected societies, the production of health is a vital strategic 'industry'. The case of China is particularly salient, because of its economic and geopolitical significance, and the scale of the healthcare challenge it has faced. Adopting a multi-level perspective, the authors examine the entrepreneurial role of the Chinese government as it seeks to strengthen the competitiveness of domestic firms. They analyze the strategies employed to improve China's technology and capacity for innovation, and discuss China's strategies and policies to ensure knowledge acquisition and creation in the long-term, with particular reference to international scientific collaborations. This book is a must-read for students, researchers, and policymakers interested in the prospects and challenges posed by the growth of the Chinese healthcare industry and its global impact.

Feline Medicine and Therapeutics Elsevier Publishing Company

This book describes how human hearing works and how to build machines that analyze sounds in the same way that people do.

Acute Respiratory Distress Syndrome Computational Signal Processing and Analysis

Chemiluminescence immunoassay is now established as one of the best alternatives to conventional radioimmunoassay for the quantitation of low concentrations of analytes in complex samples. During the last two decades the technology has evolved into analytical procedures whose performance far exceeds that of immunoassays based on the use of radioactive labels. Without the constraints of radioactivity, the scope of this type of analytical procedure has widened beyond the confines of the specialist clinical chemistry laboratory to other disciplines such as microbiology, veterinary medicine, agriculture, food and environmental testing. This is the first work to present the topic as a subject in its own right. In order to provide a complete picture of the subject, overviews are presented of the individual

areas of chemiluminescence and immunoassay with particular emphasis on the requirements for interfacing chemiluminescent and immunochemical reactions. The possible ways of configuring chemiluminescence immunoassays are described. State-of-the-art chemiluminescence immunoassay systems are covered in detail together with those systems which are commercially available. The book is aimed at researchers and routine laboratory staff in the life sciences who wish to make use of this high-performance analytical technique and also at those interested in industrial applications of the technology in the food, agricultural and environmental sciences.

Chemistry for a Clean and Healthy Planet UPNE

Leading experts summarize and synthesize the latest discoveries concerning the changes that occur in tumor cells as they develop resistance to anticancer drugs, and suggest new approaches to preventing and overcoming it. The authors review physiological resistance based upon tumor architecture, cellular resistance based on drug transport, epigenetic changes that neutralize or bypass drug cytotoxicity, and genetic changes that alter drug target molecules by decreasing or eliminating drug binding and efficacy. Highlights include new insights into resistance to antiangiogenic therapies, oncogenes and tumor suppressor genes in therapeutic resistance, cancer stem cells, and the development of more effective therapies. There are also new findings on tumor immune escape mechanisms, gene amplification in drug resistance, the molecular determinants of multidrug resistance, and resistance to taxanes and Herceptin.

Basic Sciences for Obstetrics and Gynaecology: Core Material for MRCOG Part 1 Springer Science & Business Media

These proceedings gather carefully selected, peer-reviewed contributions from the International Conference on Pure and Applied Chemistry (ICPAC 2018). The event, the latest installment in a biennial conference series, was held in July 2018 in Mauritius. The respective chapters in this unique collection reflect a wide range of fundamental and applied research in the chemical sciences and various interdisciplinary subjects. In addition to reviews, they highlight cutting-edge advances.

Best Sellers - Books :

• [The Complete Summer I Turned Pretty Trilogy \(boxed Set\): The Summer I Turned Pretty; It's Not Summer Without You; We'll Always](#)

- [If He Had Been With Me](#)
- [8 Rules Of Love: How To Find It, Keep It, And Let It Go By Jay Shetty](#)
- [The Democrat Party Hates America By Mark R. Levin](#)
- [The Woman In Me By Britney Spears](#)
- [Reminders Of Him: A Novel By Colleen Hoover](#)
- [I Will Teach You To Be Rich: No Guilt. No Excuses. Just A 6-week Program That Works \(second Edition\) By Ramit Sethi](#)
- [A Court Of Thorns And Roses Paperback Box Set \(5 Books\)](#)
- [Leigh Howard And The Ghosts Of Simmons-pierce Manor](#)
- [Guess How Much I Love You](#)