

Aloka Prosound 2 Manual

A thorough procedural guide covering applications of neurosonology to diagnosis, monitoring of cerebrovascular and other neurological diseases.

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.

Endoscopy has had a major impact in the development of modern medicine and other medical specialties. The field of endoscopic procedure has developed over the last decade. By using different data it provided a better understanding of pathogenic mechanisms, described new entities and used for early detection, diagnostic procedures and therapeutic procedures. The advantages of many technical advances and modern endoscopic equipments, endoscopy has had a developed spectacularly. Consequently, endoscopy has surpassed its function as an examination tool and it became a rapid and efficient therapeutic tool of various organs including gastrointestinal tract, head and neck, respiratory tract and others. The efficacy and usefulness of endoscopy has yet been established.

The use of ultrasound in emergency medicine has proved invaluable in answering very specific, time-critical questions, such as the presence of an abdominal aortic aneurysm, or of blood in the abdomen after trauma. Unlike other imaging modalities (e.g. CT scan) it is a rapid technique that can be brought to the patient with ease. This book, Emergency Ultrasound Made Easy, is accessible and easy to use in an emergency. It is aimed mainly at specialists and trainees in emergency medicine, surgery and intensive care; but its broad scope (e.g. rapid diagnosis of DVT) makes it an invaluable addition to the library of any doctor with an interest in ultrasound, whether in primary care or the hospital setting. A pocket-sized and practical guide to the appropriate use of ultrasound in the emergency department. Designed to be used in an urgent situation (e.g. a shocked trauma patient). Written by team of international leading experts. This Second Edition has been comprehensively revised and updated to reflect the major advances in the practice of bedside ultrasound, and reflects the pioneering efforts of individual clinicians and the high-quality portable machines now available. This edition still firmly adheres to the principles of only using ultrasound where it adds value and only asking simple questions that may be readily addressed using ultrasound.

PNF in Practice

Fetal Cardiac Function

Craniofacial Distraction Osteogenesis

Muscle Pain: Diagnosis and Treatment

Emergency Ultrasound Made Easy E-Book

Industrial engineering affects all levels of society, with innovations in manufacturing and other forms of engineering oftentimes spawning cultural or educational shifts along with new technologies. Industrial Engineering: Concepts, Methodologies, Tools, and Applications serves as a vital compendium of research, detailing the latest research, theories, and case studies on industrial engineering. Bringing together contributions from authors around the world, this three-volume collection represents the most sophisticated research and developments from the field of industrial engineering and will prove a valuable resource for researchers, academics, and practitioners alike.

The most effective, practical approach to the recognition and management of cardiovascular and cardiopulmonary medicine, MANUAL OF CANINE AND FELINE CARDIOLOGY, 4th Edition takes a user-friendly approach to the challenges and conditions you encounter in everyday practice. This completely revised and updated edition includes vital information on diagnostic modalities and techniques, therapeutic options, surgical procedures, and pharmaceutical management of the dog and cat cardiac patient. This invaluable, practical reference covers the full breadth of canine and feline cardiology diagnosis and management in a straightforward and clinically focused format. Covers common cardiovascular disorders and practical treatment methods for cardiac failure, cardiac arrhythmias, conduction disturbances, cardiopulmonary arrest, as well as procedures for resuscitation. Includes numerous reproductions of electrocardiograms, thoracic radiographs, and pressure curves Vibrant, full-color format helps important material stand out and includes vivid illustrations to aid in diagnosis and treatment. A user-friendly format with bullet points, tables, key points, and boxes offers at-a-glance access to key information. Cardiac Surgery chapter provides illustrated, step-by-step coverage of cardiovascular surgical procedures and techniques. Chapters on Pacemaker Therapy and Cor Pulmonale and Pulmonary Thromboembolism expand the scope of coverage A completely updated drug formulary presents the most current therapies used to pharmacologically manage cardiovascular disease. Twenty-nine expert contributors share their knowledge and clinical exposure to ensure you are using the most trustworthy and up-to-date information available.

Principles and Practice of Interventional Pulmonology provides a comprehensive text covering all aspects of Interventional Pulmonology. Providing both pathophysiologic background as well as illustrated and clear instruction on how procedures ought to be performed, this text will be of great value to interventional pulmonologists, thoracic surgeons, surgical oncologists, and interventional radiologists.

Venous Ultrasound 2e is the essential text for anyone involved in the treatment of chronic venous disease. It provides specific information on ultrasound as it is applied to chronic insufficiency, including history, general techniques, examples of anatomy, and protocols for performing ultrasound on patients, and discussions on key aspects of interpretation of sonographic findings. Updated to include the outcome and impact of three recent studies, the ATTRACT trial, the EVRA study, and the VIDIO imaging trial. An entire chapter is dedicated to iliac venous and stent imaging for those interested in expanding practice based on the mentioned studies. Also included is specific protocol for imaging of the pelvic area with focus on the pelvic congestion and reflux affecting this anatomic area. This text demonstrates that as imaging techniques improve, so too will the understanding of venous pathologies increase and the burdens of their respective pathologies. Pelvic Congestion, iliofemoral and late stage disease can be interrogated with a non-invasive approach using the techniques included prior to interventional procedures. This fully updated new edition includes coverage of new ablation techniques which include non-thermal and non-tumescent therapies for venous insufficiency – these have unique ultrasound properties on what to see, look for and observe in intra and post-operative situations. Focusing on the fundamentals that every phlebologist needs to know, the color illustrations and numerous line drawings complement the text for a complete learning experience. Key features: Covers anatomy related to venous insufficiency and obstruction Protocols with step by step approaches for those new to certain exams Includes useful diagrams and images to aid understanding Thoroughly up to date, with all the latest information for those practicing venous therapies Venous Ultrasound 2e is valuable for sonographers and physicians alike; including phlebologists, general and vascular surgeons, physicians, radiologists, angiologists, interventional cardiologist, mid-levels, and nurses who work in this area.

Minimally Invasive Cancer Management

Manual of Canine and Feline Cardiology

Cardiac Resynchronization Therapy

Science and Skiing

Endoscopic Ultrasonography

Ultrasound-Guided Liver Surgery

Covering the full spectrum of endoscopic ultrasound, Endosonography, 4th Edition, by Drs. Robert Hawes, Paul Fockens, and Shyam Varadarajulu, is a comprehensive, one-stop resource for mastering both diagnostic and therapeutic EUS procedures. Leading global authorities guide you step by step through both introductory and advanced techniques, covering everything from interpretation and accurate diagnosis to treatment recommendations. High-quality images and an easy-to-navigate format make this updated reference a must-have for both beginning and experienced endosonographers. Features completed updated content throughout, including new sections on high-intensity focused ultrasound, through-the-needle biopsy, benign pancreatic masses, and gastro-jejunostomy. Includes perspectives from new contributors who provide global experience and knowledge. Contains new and enhanced illustrations that correlate with high-quality endoscopic images. Covers cutting-edge techniques for performing therapeutic interventions, such as drainage of pancreatic pseudocysts and EUS-guided anti-tumor therapy, as well as fine needle aspiration (FNA) procedures.

Ultrasound guidance of liver surgery is a very sophisticated approach that permits the performance of otherwise unfeasible operations, discloses the true extent of tumors, increases the indications for hepatectomy, and renders surgery safer. Despite this, it has remained relatively neglected in the literature over the past two decades, during which time much progress has been achieved. This is the first atlas on the subject, and it is comprehensive in scope. The state of the art in the use of ultrasound for resection guidance is carefully documented, and new techniques for exploration of the biliary tract and facilitation of transplant surgery are presented. Further important topics include the role of ultrasound in laparoscopic approaches, the use of contrast agents for diagnosis and staging, and developments in the planning of surgical strategy. The editor is a leading authority whose group has been responsible for a variety of advances in the field. He has brought together other experts whose aim throughout is to provide clear information and guidance on the optimal use of ultrasound when performing liver surgery. This atlas is intended especially for hepatobiliary surgeons but will also be of considerable value for general surgeons.

Haynes offers the best coverage for cars, trucks, vans, SUVs and motorcycles on the market today. Each manual contains easy to follow step-by-step instructions linked to hundreds of photographs and illustrations. Included in every manual: troubleshooting section to help identify specific problems; tips that give valuable short cuts to make the job easier and eliminate the need for special tools; notes, cautions and warnings for the home mechanic; color spark plug diagnosis and an easy to use index.

This edition of the companion volumes Muscle Pain: Understanding the Mech- isms and Muscle Pain: Diagnosis and Treatment is essential reading for those interested in clinical approaches to acute and chronic pain conditions involving muscle tissues and in the mechanisms underlying these conditions. The volumes cover a very important topic in pain medicine, since muscle pain is very common and can often be dif’cult to diagnose and treat effectively. Furthermore, chronic pain involving muscle and other components of the musculoskeletal system increases with age, such that it is a common complaint of those of us who are middle-aged or older. Indeed, as changing population demographics in “west- nized” countries result in higher proportions of the population living longer and being middle-aged and elderly, chronic muscle pain will likely become even more of a health problem. In the case of acute muscle pain, this can often be very intense, and in the short term can limit or modify the use of components of the musculoskeletal system associated with the sensitive muscle. Chronic muscle pain can also be intense, as well as unpleasant and disabling, and it is in many cases the over-riding symptom of most musculoskeletal disorders that are associated with long-term deleterious changes in musculoskeletal function.

Prostate Cancer

Transcranial Sonography in Movement Disorders

Clinical Echocardiography of the Dog and Cat - E-Book

The Practitioner’s Perspective

Autotherapy

International Workshops

Fetal echocardiography was initially used to detect structural anomalies, but has more recently also been proposed to assess fetal cardiac function. Functional echocardiography has been demonstrated to select high-risk populations and has been seen to have an effect on the outcome of several fetal conditions. Because of the small size and high heart rate and the restricted access away from the transducer, cardiovascular parameters should be validated but used with caution in the fetus. This special issue on fetal cardiac function is a collection of review and original articles showing several potential clinical and research applications of functional echocardiography in intrauterine growth restriction, twin-to-twin transfusion syndrome, congenital heart disease and aneuploides. The insights provided show that fetal cardiac function assessment is a promising tool that may soon be incorporated into clinical practice to diagnose, monitor or predict outcome in some fetal conditions. Therefore, this special issue on ‘fetal cardiac function’ provides valuable reading for clinicians and researchers in fetal medicine and cardiology who are interested in the fetal heart.

Covering both classical modalities of echocardiography and newer techniques, Clinical Echocardiography of the Dog and Cat shows how to assess, diagnose, and treat canine and feline heart disease. A clinical approach demonstrates how these modalities may be used to acquire images, and then how you can recognize and identify patterns, relate them to different diseases, and manage patient care with those findings. The print book includes a companion website with 50 videos of cardiac ultrasound exams and procedures. Written by veterinary cardiology specialists and echocardiographers Eric de Madron, Valerie Chetboul, and Claudio Bussadori, this indispensable echocardiology resource is ideal for general practitioner veterinarians as well as specialists, including cardiologists and radiologists. Dedicated coverage of canine and feline echocardiography emphasizes a more in-depth discussion of cardiac ultrasound, including the newest ones such as Tissue Doppler and speckle tracking imaging, and transesophageal and 3D echocardiography. A practical, clinical approach shows how these echocardiographic modalities are not just research tools, but useful in diagnosing and staging heart disease in day-to-day practice. Book plus website consolidates offers current information into a single cohesive source covering classical modalities and newer techniques, as well as updates relating to normal echocardiographic examinations and values. 50 videos on the companion website demonstrate how to perform echocardiography procedures, illustrating points such as swirling volutes, color flow display of blood flows, dynamic collapses secondary to pericardial effusion, and tumors flicking in and out of the echocardiographic field. A section on presurgical assessment helps you assess risk and prepare for catheter-based correction of cardiac defects – accurate measurements and proper device selection are key to a successful procedure. Over 400 full-color illustrations and 42 summary tables help you achieve precise, high-quality imaging for accurate assessment, including photographs of cadaver animal specimens to clarify the relationship between actual tissues in health and disease and their images.

Cardiac resynchronization therapy (CRT) is one of the most exciting new advances in the treatment of chronic severe (NYHA symptom class) heart failure associated with dyssynchronous ventricular contraction that is refractory to medical treatment. In all randomized trials CR has resulted in improved NYHA symptom class, exercise capacity and quality
This book constitutes the refereed proceedings of two workshops MAIR/AE-CAI 2013, held in conjunction with MICCAI 2013, held in Nagoya, Japan, in September 2013. The 29 revised full papers presented were carefully reviewed and selected from 44 submissions. The papers cover a wide range of topics addressing the main research efforts in the fields of medical image formation, analysis and interpretation, augmented reality and visualization, computer assisted intervention, interventional imaging, image-guided robotics, image-guided intervention, surgical planning and simulation, systematic extra- and intra-corporeal imaging modalities, and general biological and neuroscience image computing.

Leading-edge Diagnostic Procedures and Treatments

Zen Physics

A Handbook of Non-Destructive Methods

Owners Workshop Manual

Therapeutic Endoscopic Ultrasound

Venous Ultrasound

CANINE AND FELINE THERIOGENOLOGY is the only comprehensive, up-to-date textbook on small animal reproduction available. Veterinary management of normal reproduction and reproductive disorders in the male and female dog and cat are covered in detail, including such topics as sexual differentiation and normal anatomy, breeding management, use of chilled and frozen semen, pregnancy and parturition, neonatal care, clinical approach to infertility, and diseases of each of the reproductive organs. Some chapters address the pet overpopulation problem in the United States and approaches to population control in these species. This book is an invaluable resource to veterinarians, veterinary students, and others interested in companion animal reproduction.

Recognized experts comprehensively review the clinical, surgical, radiological, and scientific aspects of athero-sclerotic peripheral arterial disease (PAD), including endovascular, gene, and drug therapies. In their far-ranging discussions, the authors examine in depth the risk factors and antiplatelet therapies for PAD patients at high risk for suffering a heart attack and/or and stroke, the question of exercise rehabilitation, the surgical approaches to revascularization, and the preoperative evaluation and perioperative management of the vascular patient.

Who were the Aryans? Where did they come from? Did they always live in India? The Aryan problem has been attracting fresh attention in academic, social and political arenas. This book identifies the main traits of Aryan culture and follows the spread of their cultural markers. Using the latest archaeological evidence and the earliest known Indo-European inscriptions on the social and economic features of Aryan society, the distinguished historian, R. S. Sharma, throws fresh light on the current debate on whether or not the Aryans were the indigenous inhabitants of India. This book is essential reading for those interested in the history of India and its culture.

The critically acclaimed Vascular Diagnosis of Ultrasound returns in a new two-volume second edition, offering the most comprehensive information available on the broad spectrum of vascular ultrasound applications. Volume 1:Cerebral and Peripheral Vessels retains the accessible design and structure of the first edition to discuss the available ultrasound technologies, including continuous and pulsed-wave Doppler mode, b-mode, and conventional and color-coded duplex analysis in frequency and amplitude power modes. This text covers anatomy, physiology, normal and abnormal findings, test accuracy and sensitivity, providing the reader with the information essential to managing common clinical situations. Highlights: Provides comprehensive coverage of vascular ultrasonography in the arteries and veins of the cerebral circulation and the peripheral upper and lower limb circulation Compares other diagnostic methods used in each region, such as conventional and noninvasive MR angiography Assesses recent developments in ultrasound technology, including tissue perfusion studies, 3D and 4D imaging, contrast enhancement and microbubble applications, and their diagnostic, technological, and therapeutic implications Features new challenging case studies for both the novice and the expert to review With contributions from experts in the field and more than 500 line drawings and images, this text is an indispensable reference for radiologists, vascular surgeons, and residents and students in these specialties.

Industrial Engineering: Concepts, Methodologies, Tools, and Applications

An Illustrated Guide

Manual of Neurosonology

From Genome to Physiology

Clinical Biophysics

A Pocket Guide to Medical Imaging

An evaluation and assessment of advances in the analysis of animal body composition.

This new work by a renowned massage author takes a close look at palpation of muscle and bone, and includes content related topics including trigger points with their pain referral patterns, stretching, and body mechanics. The DVD features video demonstrations of palpation of all muscles. Illustrations.

Immuntherapie.

Manual of NeurosonologyCambridge University Press

The Radiology Handbook

Principles and Practice of Interventional Pulmonology

Endosonography E-Book

Concepts, Methodologies, Tools, and Applications

Canine and Feline Theriogenology

Exploration of the Physiological Effects of Exercise in Cardiovascular Diseases

Designed for busy medical students, The Radiology Handbook is a quick and easy reference for any practitioner who needs information on ordering or interpreting images. The book is divided into three parts: - Part I presents a table, organized from head to toe, with recommended imaging tests for common clinical conditions. - Part II is organized in a question and answer format that covers the following topics: how each major imaging modality works to create an image; what the basic precepts of image interpretation in each body system are; and where to find information and resources for continued learning. - Part III is an imaging quiz beginning at the head and ending at the foot. Sixty images are provided to self-test knowledge about normal imaging

anatomy and common imaging pathology. Published in collaboration with the Ohio University College of Osteopathic Medicine, The Radiology Handbook is a convenient pocket-sized resource designed for medical students and non radiologists. The approach here is based on the concepts set out by Dr. Herman Kabat and taught by Margaret Knott, and this second edition adds many new illustrations including demonstrations of the techniques and pictures of actual patient treatment. The gait section has been expanded with an introduction to normal components and photos of patient treatment. The mat section has also been enlarged and includes illustrations of patient treatment.

Owing to the anatomic complexity of the neck and the diver sity of pathologic entities affecting it, the cervical region has long been of great semiological interest. Physical examination is an easy means of evaluating the size and origin of a solitary cervical mass, yet valid interpretation can prove difficult when the normal morphology of the neck has been altered; excellent examples are patients with extensive fibrosis or scarring secondary to previous irradiation or surgery. Like wise, physical examination cannot assess the relations of a pathologic process to adjacent structures - e. g., invasion can not be distinguished from simple displacement -and it is un suitable for monitoring therapeutic efficacy, such as the re sponse of metastatic nodes to medical management. Between physical examination, which remains fundamental, and exploratory surgical procedures, which are often the only means of obtaining indispensable anatomic proof for diagno sis, lie a number of recent imaging techniques including com puted tomography and magnetic resonance imaging using surface coils that provide invaluable information for the in vestigation of cervical pathologies. Real-time ultrasonogra phy occupies a privileged position because of its noninvasive ness, rapidity, and reliability, especially when performed by a specially trained examiner.

Craniofacial Distraction Osteogenesis addresses one of today's hottest topics in orthodontics and oral and maxillofacial surgery! This comprehensive, full-color text presents the latest information on extraoral and intraoral distraction appliances, including tooth-borne, bone-borne, and hybrid fixation methods. Readers will learn how to minimize or avoid potential complications of osteodistraction by using proper preoperative planning and execution. It includes detailed discussions of mandibular lengthening and widening, mandibular bone transport, alveolar distraction, maxillary, mid-face, and cranial distraction, and more. An extensive library of case studies collected from world-renowned surgeons demonstrates the clinical application of the various techniques. Features an expert lead author, Dr. Mikhail Samchukov, who studied under Dr. Gavriel Ilizarov, the inventor of the distraction osteogenesis technique. Includes contributions from world renowned experts in the field such as Dr. Cesar Guerrero, Dr. Martin Chin and Dr. Suzanne Stucki-McCormick. Full colour images demonstrate the use of both extraoral and intraoral tooth-borne devices Includes over 70 cases which showcase successes achieved in patients around the world, and demonstrate the before and after of all techniques described. Covers a wide range of information about distraction osteogenesis, from its origins in Siberia, to the latest advancements. The book is divided into 12 sections, making it easier for readers to find key topics of interest.

The Muscle and Bone Palpation Manual with Trigger Points, Referral Patterns and Stretching

Endoscopy

Augmented Reality Environments for Medical Imaging and Computer-Assisted Interventions

Diagnosis and Treatment

Ultrasonography of the Neck

Looking for the Aryans

This book provides an up-to-date review of therapeutic EUS with an equal focus on technical descriptions with ample endoscopic images/video clips by world experts and the scientific evidence behind the described techniques. The book provides an overview of the field in a structured manner, starting with general topics on equipment and service development and extending to the fields of EUS-guided drainage, anti-tumor therapies, and other specific EUS-guided interventional treatments. Therapeutic Endoscopic Ultrasound is a key resource for endoscopists, gastroenterologists, surgeons, and GI oncologists.

Transcranial Sonography in Movement Disorders

This volume is a collection of 13 chapters, each devoted to a particular issue that is crucial to our understanding of the way learners acquire, learn, and use an L2 sound system. In addition, it spans both theory and application in L2 phonology. The book is divided into three parts, with each section unified by broad thematic content: Part I, "Theoretical Issues and Frameworks in L2 Phonology," lays the groundwork for examining L2 phonological acquisition. Part II, "Second Language Speech Perception and Production," examines these two aspects of L2 speech in more detail. Finally, Part III, "Technology, Training, and Curriculum," bridges the gap between theory and practice. Each chapter examines theoretical frameworks, major research findings (both classic and recent), methodological issues and choices for conducting research in a particular area of L2 phonology, and major implications of the research findings for more general models of language acquisition and/or pedagogy.

Recent advancements in mechanical engineering are an essential topic for discussion. The topics relating to mechanical engineering include the following: measurements of signals of shafts, springs, belts, bearings, gears, rotors, machine elements, vibration analysis, acoustic analysis, fault diagnosis, construction, analysis of machine operation, analysis of smart-material systems, integrated systems, stresses, analysis of deformations, analysis of mechanical properties, signal processing of mechanical systems, and rotor dynamics. Mechanical engineering deals with solid and fluid mechanics, rotation, movements, materials, and thermodynamics. This book, with 15 published articles, presents the topic "Symmetry in Mechanical Engineering". The presented topic is interesting. It is categorized into eight different sections: Deformation; Stresses; Mechanical properties; Tribology; Thermodynamic; Measurement; Fault diagnosis; Machine. The development of techniques and methods related to mechanical engineering is growing every month. The described articles have made a contribution to mechanical engineering. The proposed research can find applications in factories, oil refineries, and mines. It is essential to develop new improved methods, techniques, and devices related to mechanical engineering.

Phonology and Second Language Acquisition

Peripheral Arterial Disease

Fascial Manipulation - Stecco Method

Body Composition Analysis of Animals

Clinical Reference with Case Studies

Getting Started with PowerShell

As minimal access approaches to cancer diagnosis, staging, and therapy become more widely used, it is vital for general surgeons, along with laparoscopists, surgical oncologists and medical oncologists, to stay up to date. The editors, a team consisting of a renowned surgical oncologist and a laparoscopic specialist, aim to provide a resource for the practicing general surgeon using basic minimally invasive techniques. The book discusses diagnosis including biopsy with microinstrumentation, staging, and palliative and curative resection. Specific tumor sites are addressed, including esophagus, stomach, spleen, small bowel, pancreato-biliary, hepatic resection, and colo-rectal resection. Minimally invasive approaches to the thoracic and retroperitoneal areas are included. The book provides a thorough overview of basic cancer biology, instrumentation, and ultrasound. Additionally, Greene and Heniford explore controversial issues such as port-site recurrence and the effect of pneumoperitoneum on the spread of cancer cells in the abdomen. Many photographs and line drawings, including 16 in full color, illustrate the principles discussed in the text. A must-have for every practicing general surgeon, laparoscopic fellow, and general surgery resident.

Prostate cancer is diagnosed commonly in the course of general health screening. Very often it is difficult to tell whether the cancer will be aggressive and lethal or will be so slow growing that it will not affect the patient's survival. Treatment can have a major impact on the patient's health-related quality of life. This book presents cutting-edge research in predicting the behavior of localized and metastatic cancer, targeted treatment of cancer that has spread minimally, response to newer methods of treatment, and rehabilitation of patients.

Acclaimed astrophysicist David Darling comes well-armed with both science and mysticism to provide a theory of consciousness and its final conclusion. His well -researched ideas on psychology, neuro-biology, quantum physics and a host of others meld with Zen mysticism to provide a step by step approach to what consciousness is, and what it is not. The urban myth of 'who we are' is peeled back to reveal a terrible-wonderful truth. We are a fragmented assortment of often biased memories held together by a selfish brain whose primary concern is its own immortality. So how does this amalgam of 'I' manage to create what is considered the highest life-form on earth? You start at conception, add some biology and evolutionary theory, and what emerges is an organism using its every meager power to construct its own unique reality. Or is it that unique? Are we truly disconnected from all those other 'unique realities' of the past, present and future? Darling launches into a frank discussion of consciousness. How each of our stories is pieced together from a constantly changing conglomerate of memories. It is these stories that make us who we are. If the memories are changed - we change. If they are erased then we are erased. Our consciousness lives and dies dependent on our memories. When the physical brain dies with the rest of the body what happens to 'us'? Do not look here for comforting ideas of lounging in heaven with friends and family. Darling also does not support utter annihilation. Darling instead shows where mysticism may provide some insight for science. A well-grounded theory emerges of what happens when you can no longer observe scientifically those moments beyond our last breath. Darling provides a compelling answer for what lies beyond the end as we know it. Darling has acquired a profound insight into the process of death and the many misconceptions we have about it. He systematically walks you through the scientific process of death as well as other scientific phenomenon and lets you see for yourself that there isn't a huge mystery behind it all. Darling doesn't give you the answer to "the great question," but points you in the correct direction with style. Darling uses logic to explain how quantum physics may be bound with personality, but never pretends that Zen can be explained rationally. This collection of thoughts is extremely well-organized and well-written. David Darling's book explains quantum mechanics in a way anyone can understand. He also presents an intelligent thesis on the nature of life after death. His answer may not be what we wish to hear, but it makes sense. Author Bio - David Darling is the author of more than 40 titles including narrative science titles: Megacatastrophes , We Are Not Alone, Gravity's Arc, Equations of Eternity, a New York Times Notable Book, and Deep Time. He is also the author of the bestseller-The Universal Book of Mathematics: From Abracadabra to Zeno's Paradoxes. Darling's other titles include The Universal Book of Astronomy, and The Complete Book of Spaceflight, as well as more than 30 children's books. His articles and reviews have appeared in Astronomy, Omni, Penthouse, New Scientist, the New York Times, and the Guardian, among others. David Darling was born in Glossop, Derbyshire, England, on July 29, 1953, and grew up in the beautiful Peak District, close to Kinder Scout for those who know the area. He went to New Mills Grammar School and then on to Sheffield University, where he earned his B.Sc. in physics in 1974, and Manchester University, for my Ph.D. in astronomy in 1977. David Darling's interests, apart from his work and family, include singing, song-writing, and playing guitar, walking, and travel.

Year on year, there continue to be dramatic changes in endoscopic ultrasonography (EUS) since it was first introduced 30 years ago. Advances in technology have meant that as well as being used in the diagnosis of gastrointestinal disorders, EUS is now one of the primary diagnostic and therapeutic modalities used in GI endoscopy. Back and improved for a new edition, Endoscopic Ultrasonography is the market-leading book covering the topic. Written by leading experts in the field, it provides a technical how-to approach to learning this advanced endoscopic procedure. The highly-acclaimed authors provide step-by-step guidance to the fundamentals of EUS, giving clear instructions on the instruments involved, the correct sedation procedures to follow and how EUS should be performed safely and effectively. Every chapter discusses a specific aspect of EUS as it relates to a particular gastrointestinal disorder or organ system. Brand new to this edition are: 1) Seven new chapters on the hottest topics in EUS: Learning Anatomy for EUS; Elastography; Lung Cancer; Autoimmune Pancreatitis; EUS for Liver Disease; Biliary Access; Pancreatic Fluid Collection Drainage 2) A complete update of all previous chapters to reflect the most current clinical recommendations 3) A host of new color images in every chapter Endoscopic Ultrasonography 3rd edition is the ideal tool to consult to improve EUS skills and improve patient management, and an essential purchase for all gastroenterologists and endoscopists.

An Atlas

Symmetry in Mechanical Engineering

Molecular Neuroendocrinology

Yamaha YFS200 Blaster ATV

Vascular Diagnosis with Ultrasound

"Discusses the mechanisms that enhance peptide and protein diversity beyond what is encoded in the genome through post-translational modification"--

The first International Congress on Science and Skiing was held in Austria in January 1996. The main aim of the conference was to bring together original key research in this area and provid an essential update for those in the field. The Ink between theory and practice was also for both researchers and coaches. This book is divided into five parts, each containing a group of papers that are related by theme or disciplinary approach. They are as follows: Biomechanics of Skiing; Fitness testing and Training in Skiing; Movement Control and Psychology in Skiing. The conclusions drawn from the conference represent an invaluable practical reference for sports scientists, coached, skiers and all those involved in this area.