Philips Mx8000 Service Manual

An image-driven chronological look at the PC, from the 1970s to present day, is supplemented with critical industry milestones, screenshots of the original software designed for the original machine, and social and cultural anecdotes from PC creators.
Although the bioarchaeology (study of biological remains in an archaeological context) of Egypt has been documented in a desultory way for many decades, it is only recently that it has become an inherent part of excavations in Egypt. This volume consists of a series of essays that explore how ancient plant, animal, and human remains should be studied, and how, when they are integrated with texts, images, and artifacts, they can contribute to our understanding of the history, environment, and culture of ancient Egypt in a holistic manner. Topics covered in this volume relating to human remains include analyses of royal, elite and poor cemeteries of different eras, case studies on specific mummies, identification of different diseases in human remains, an overview of the state of palaeopathology in Egypt, how to analyze burials to establish season of death, the use of bodies to elucidate life stories, the potential of visceral remains in identifying individuals as well as diseases that they might have had, and a protocol for studying mummies. Faunal remains are represented by a study of a canine cemetery and a discussion of cat species that were mummified, and dendroarchaeology is represented by an overview of its potentials and pitfalls for dating Egyptian remains and revising its chronology. Leading international specialists from varied disciplines including physical anthropology, radiology, archaeozoology, Egyptology, and dendrochronology have contributed to this groundbreaking volume of essays that will no doubt provide much fodder for thought, and will be of interest to scholars and laypeople alike.
This timely overview of dose, benefit, and risk in medical imaging explains to readers how to apply this information for informed decision-making that improves patient outcomes. The chapters cover patient and physician perspectives, referral guidelines, appropriateness criteria, and quantifying medical imaging benefits. The authors have included essential discussion about radiologic physics in medical imaging, fundamentals of dose and image quality, risk assessment, and techniques for optimization and dose reduction. The book highlights practical implementation aspects with useful case studies and checklists for treatment planning. Clinicians, students, residents, and professionals in medical physics, biomedical engineering, radiology, oncology, and allied disciplines will find this book an essential resource with the following key features: Discusses risk, benefit, dose optimization, safety, regulation, radiological protection, and shared & informed decision-making. Covers regulatory oversight by government agencies, manufacturers, and societies. Highlights best practices for improving patient safety and outcomes. Gives guidelines on doses associated with specific procedures.
Provides information on investment banking, covering the basics of financial markets, interviews, career paths, and job responsibilities.
CT of the Airways
Intuitive Genius of CT
Veterinary Anatomy of Domestic Mammals
Practical Radiation Protection in Healthcare
The Silent Ones
King Peggy
This publication is intended to support those working in the field of diagnostic radiology dosimetry, both in standards laboratories involved in the calibration of dosimeters and those in clinical centres and hospitals where patient dosimetry and quality assurance measurements are of vital concern. This code of practice covers diverse dosimetric situations corresponding to the range of examinations found clinically, and includes guidance on dosimetry for general radiography, fluoroscopy, mammography, computed tomography and dental radiography. The material is presented in a practical way with guidance worksheets and examples of calculations. A set of appendices is also included with background and detailed discussion of important aspects of diagnostic radiology dosimetry.
Each issue includes separate but continuously paged sections called: Nuclear medicine, and: Ultrasound
This book constitutes the thoroughly refereed post-proceedings of the Third International Workshop on Biomedical Image Registration. The 20 revised full papers and 18 revised poster papers presented were carefully reviewed and selected for inclusion in the book. The papers cover all areas of biomedical image registration; methods of registration, biomedical applications, and validation of registration.
This book offers a comprehensive review of large and small airways disorders. It begins with four introductory chapters devoted to airway physiology, anatomy, and anatomical and functional CT imaging methods. These chapters are followed by coverage of large airways disorders in adults, including airway stenoses, neoplasms, malacia and bronchiectasis. The next section examines small airways disorders in adults, including asthma, infectious and non-infectious small airways disorders, obliterative bronchiolitis, and smoking-related airway diseases. The final two chapters detail pediatric large and small airway disorders.
The Revelation of the End Times!
Handbook of Texture Analysis
Mathematical Morphology and its Applications to Image and Signal Processing
Pattern Recognition
The Neuroscience of Mindfulness Meditation
Freud's Mistress
Previous ed. published as: Physics for medical imaging / R.F. Farr. c1997.
A tale inspired by the affair between Sigmund Freud and his sister-in-law depicts the struggles of Minna Bernays, an educated woman uninterested in conventional women's roles who becomes fascinated with her brother-in-law's pioneering theories.
The Secrets Series® is breaking new ground again! This volume presents guidelines for performing and interpreting CT studies. You'll find all of the features you rely on Secrets Series®-such as a question-and-

answer format, bulleted lists, mnemonics, and tips from the authors. No matter what questions arise, Body CT Secrets, has the answers you need. Offers a new, two-color page layout, "Key Points" boxes, and lists of useful web sites. A smaller, more portable size lets you carry it anywhere Adds a chapter containing the "Top 100 Secrets" in computed tomography

This book provides an introduction to Flash technology and to the basics of contrast media administration followed by 15 in-depth clinical scan and contrast media injection protocols. All were developed in consensus by selected physicians. Each protocol is complemented by individual considerations, tricks and pitfalls, and by clinical examples from several of the world's best radiologists and cardiologists.

Radar Instruction Manual

An Anthology, 1650-1920

Dose, Benefit, and Risk in Medical Imaging

Forensic and Bioarchaeological Perspectives

Textbook and Colour Atlas

An International Code of Practice

Offers a collection of true facts about such topics as animals, food, science, outer space, geography, and weather.

Quality management systems are essential and should be maintained with the intent to continuously improve effectiveness and efficiency, enabling nuclear medicine to achieve the expectations of its quality policy, satisfy its customers and improve professionalism. The quality management (QM) audit methodology in nuclear medicine practice, introduced in this publication, is designed to be applied to a variety of economic circumstances. A key outcome is a culture of reviewing all processes of the clinical service for continuous improvement in nuclear medicine practice. Regular quality audits and assessments are vital for modern nuclear medicine services. More importantly, the entire QM and audit process has to be systematic, patient oriented and outcome based. The management of services should also take into account the diversity of nuclear medicine services around the world and multidisciplinary contributions. The latter include clinical, technical, radiopharmaceutical, medical physics and radiation safety procedures.

Since 1958 the Maritime Administration has continuously conducted instructions in use of collision avoidance radar for qualified U.S. seafaring personnel and representatives of interested Federal and State Agencies.Beginning in 1963, to facilitate the expansion of training capabilities and at the same time to provide the most modern techniques in training methods, radar simulators were installed in Maritime Administration?s three region schools.It soon became apparent that to properly instruct the trainees, even with the advanced equipment, a standardize up-to-date instruction manual was needed. The first manual was later revised to serve both as a classroom textbook and as an onboard reference handbook.This newly updated manual, the fourth revision, in keeping with Maritime Administration policy, has been restructured to include improved and more effective methods of plotting techniques for use in Ocean, Great Lakes, Coastwise and Inland Waters navigation.Robert J. BlackwellAssistant Secretary for Maritime Affairs

The book covers novel strategies of state of the art in engineering and clinical analysis and approaches for analyzing abdominal imaging, including lung, mediastinum, pleura, liver, kidney and gallbladder. In the last years the imaging techniques have experienced a tremendous improvement in the diagnosis and characterization of the pathologies that affect abdominal organs. In particular, the introduction of extremely fast CT scanners and high Magnetic field MR Systems allow imaging with an exquisite level of detail the anatomy and pathology of liver, kidney, pancreas, gallbladder as well as lung and mediastinum. Moreover, thanks to the development of powerful computer hardware and advanced mathematical algorithms the quantitative and automated\semi automated diagnosis of the pathology is becoming a reality. Medical image analysis plays an essential role in the medical imaging field, including computer-aided diagnosis, organ/lesion segmentation, image registration, and image-guided therapy. This book will cover all the imaging techniques, potential for applying such imaging clinically, and offer present and future applications as applied to the abdomen and thoracic imaging with the most world renowned scientists in these fields. The main aim of this book is to help advance scientific research within the broad field of abdominal imaging. This book focuses on major trends and challenges in this area, and it presents work aimed to identify new techniques and their use in medical imaging analysis for abdominal imaging.

Weird But True!, Level 2

Gypsum Linings

Analysis and Applications

Quaker Writings

Vault Career Guide to Investment Banking

Manga Majesty

A mild-mannered, pleasant but determined genius, Godfrey Hounsfield made a great breakthrough in medical imaging CT scans in 1972. His revolutionary method led to fast, pain-free, and accurate diagnosis of conditions of the human brain, and today helps to bring health benefits to people all over the world. Blood clots caused by strokes, falls, or motor accidents are diagnosed and treated before causing irreversible damage. Tumours are located and assessed without exploratory surgery. The man who pioneered this had no medical training. Godfrey Hounsfield left school with no qualifications, and he is one of the few Nobel laureates not to have learnt their skills at university. He was mostly self-taught and he thought in unusual ways, using pictures, analogies, and intuition. He was a peaceful man, but his wartime years in the RAF, during which he became a radar instructor, were a major turning point, and this boy from a farm went on to change the world.

X-ray computed tomography (CT) continues to experience rapid growth, both in basic technology and new clinical applications. Seven years after its first edition, Computed Tomography: Principles, Design, Artifacts, and Recent Advancements, Second Edition, provides an overview of the evolution of CT, the mathematical and physical aspects of the technology, and the fundamentals of image reconstruction algorithms. Image display is examined from traditional methods used through the most recent advancements. Key performance indices, theories behind the measurement methodologies, and different measurement phantoms in image quality are discussed. The CT scanner is broken down

into components to provide the reader with an understanding of their function, their latest advances, and their impact on the CT system. General descriptions and different categories of artifacts, their causes, and their corrections are considered at length. Given the high visibility and public awareness of the impact of x-ray radiation, the second edition features a new chapter on x-ray dose and presents different dose reduction techniques ranging from patient handling, optimal data acquisition, image reconstruction, and post-process. Based on the advancements over the past five years, the second edition added new sections on cone beam reconstruction algorithms, nonconventional helical acquisition and reconstruction, new reconstruction approaches, and dual-energy CT. Finally, new to this edition is a set of problems for each chapter, providing opportunities to enhance reader comprehension and practice the application of covered material.
This last book in the six-volume series from NEXTmanga combines cutting-edge illustration with fast-paced storytelling to deliver biblical truth to an ever-changing, postmodern culture. More than 10 million books in over 40 different languages have been distributed worldwide in the series.
A revised third edition of this bestselling textbook. It contains a unique blend of text, colour photographs, imaging and diagrams describing the gross systematic and topographical anatomy of domestic mammals. Throughout the book the authors focus on anatomical relationships to clinical conditions and where appropriate, to microscopic anatomy, histology, embryology and physiology. Greatest emphasis is given to dog and cat and horse, with relevant information on ox/cow, pig, sheep, goat and rabbit. The book combines meticulous science and superb illustrations, and will be a life-long source of reference for veterinary students, practitioners, educators and researchers.
Godfrey Hounsfield
Principles, Design, Artifacts, and Recent Advances
Fundamentals, System Technology, Image Quality, Applications
Diagnostic Imaging for the Emergency Physician E-Book
Egyptian Bioarchaeology
Coronary Radiology
The fourth edition of this well-received book offers a comprehensive update on recent developments and trends in the clinical and scientific applications of multislice computed tomography. Following an initial section on the most significant current technical aspects and issues, detailed information is provided on a comprehensive range of diagnostic applications. Imaging of the head and neck, the cardiovascular system, the abdomen, and the lungs is covered in depth, describing the application of multislice CT in a variety of tumors and other pathologies. Emerging fields such as pediatric imaging and CT-guided interventions are fully addressed, and emergency CT is also covered. Radiation exposure, dual-energy imaging, contrast enhancement, image postprocessing, CT perfusion imaging, and CT angiography all receive close attention. The new edition has been comprehensively revised and complemented by contributions from highly experienced and well-known authors who offer diverse perspectives, highlighting the possibilities offered by the most modern multidetector CT systems. This book will be particularly useful for general users of CT systems who wish to upgrade and enhance not only their machines but also their knowledge.
This book contains the proceedings of the International Symposium on Mathematical Morphology and its Applications to Image and Signal Processing IV, held June 3-5, 1998, in Amsterdam, The Netherlands. The purpose of the work is to provide the image analysis community with a sampling of recent developments in theoretical and practical aspects of mathematical morphology and its applications to image and signal processing. Among the areas covered are: digitization and connectivity, skeletonization, multivariate morphology, morphological segmentation, color image processing, filter design, gray-scale morphology, fuzzy morphology, decomposition of morphological operators, random sets and statistical inference, differential morphology and scale-space, morphological algorithms and applications. Audience: This volume will be of interest to research mathematicians and computer scientists whose work involves mathematical morphology, image and signal processing.
With authoritative coverage of everything from recent discoveries in the field of vascular biology to recent clinical trials and evidence-based treatment strategies, Vascular Medicine, 3rd Edition, is your go-to resource for improving your patients' cardiovascular health. Part of the Braunwald family of renowned cardiology references, this updated volume integrates a contemporary understanding of vascular biology with a thorough review of clinical vascular diseases, making it an ideal reference for vascular medicine specialists, general cardiologists, interventional cardiologists, vascular surgeons, and interventional radiologists. Incorporates technologic advances in vascular imaging – including ultrasound, MRI, CTA, and catheter-based angiography – along with more than 230 new figures, providing an up-to-date and complete view of the vascular system and vascular diseases. Covers novel antithrombotic therapies for peripheral artery disease and venous thromboembolism, advances in endovascular interventions for aortic aneurysms, and today's best surgical treatments for vascular diseases. Includes seven new chapters: Pathobiology of Aortic Aneurysms; Pathobiology and Assessment of Cardiovascular Fibrosis; Large Vessel Vasculitis; Medium and Small Vessel Vasculitis; Epidemiology and Prognosis of Venous Thromboembolic Disease; Fibromuscular Dysplasia; and Dermatologic Manifestations of Vascular Disease. Discusses methods for aggressive patient management and disease prevention to ensure minimal risk of further cardiovascular problems. Keeps you current with ACC/AHA and ECC guidelines and the best ways to implement them in clinical practice.
Biological Distance Analysis: Forensic and Bioarchaeological Perspectives synthesizes research within the realm of biological distance analysis, highlighting current work within the field and discussing future directions. The book is divided into three main sections. The first section clearly outlines datasets and methods within biological distance analysis, beginning with a brief history of the field and how it has progressed to its current state. The second section focuses on approaches using the individual within a forensic context, including ancestry estimation and case studies. The final section concentrates on population-based bioarchaeological approaches, providing key techniques and examples from archaeological samples. The volume also includes an appendix with additional resources available to those interested in biological distance analyses. Defines datasets and how they are used within biodistance analysis Applies methodology to individual and population studies Bridges the sub-fields of forensic anthropology and bioarchaeology Highlights current research and future directions of biological distance analysis Identifies statistical programs and datasets for use in biodistance analysis Contains cases studies and thorough index for those interested in biological distance analyses
The Evolution and Design of the Personal Computer
Application and finishing

Body CT Secrets
Computed Tomography
An Engineering & Clinical Perspective
Farr's Physics for Medical Imaging

Pattern recognition continued to be one of the important research fields in computer science and electrical engineering. Lots of new applications are emerging, and hence pattern analysis and synthesis become significant subfields in pattern recognition. This book is an edited volume and has six chapters arranged into two sections, namely, pattern recognition analysis and pattern recognition applications. This book will be useful for graduate students, researchers, and practicing engineers working in the field of machine vision and computer science and engineering.

Texture analysis is one of the fundamental aspects of human vision by which we discriminate between surfaces and objects. In a similar manner, computer vision can take advantage of the cues provided by surface texture to distinguish and recognize objects. In computer vision, texture analysis may be used alone or in combination with other sensed features (e.g. color, shape, or motion) to perform the task of recognition. Either way, it is a feature of paramount importance and boasts a tremendous body of work in terms of both research and applications.Currently, the main approaches to texture analysis must be sought out through a variety of research papers. This collection of chapters brings together in one handy volume the major topics of importance, and categorizes the various techniques into comprehensible concepts. The methods covered will not only be relevant to those working in computer vision, but will also be of benefit to the computer graphics, psychophysics, and pattern recognition communities, academic or industrial.

"Provides manufacturers, designers and users of gypsum linings with requirements for the application and finishing of such linings in residential and commercial construction applications. This Standard provides a reference for the building industry and specifiers, and a basic Standard for adoption in contracts." - standards.govt.nz

The application of radiation to medical problems plays an ever-increasing role in diagnosis and treatment of disease. It is essential that medical physicists have the knowledge, understanding and practical skills to implement radiation protection as new techniques are developed. Practical Radiation Protection in Healthcare provides a practical guide for medical physicists and others involved with radiation protection in the healthcare environment. The guidance is based on principles set out in current recommendations of the International Commission for Radiological Protection and methods developed by a variety of professional bodies. Written by practitioners experienced in the field this practical reference manual covers both established techniques and new areas of application. This new edition has be fully revised and updated to cover new requirements linked to the increased knowledge of radiation effects, and the development of new technology. Each specialist area is covered in a separate chapter to allow easy reference with individual chapters being assigned to different types of non-ionising radiations. Tabulated data is included to allow the reader to carry out calculations for situations encountered frequently without reference to further texts.

Biological Distance Analysis
Biomedical Image Registration
An American Secretary, Her Royal Destiny, and the Inspiring Story of How She Changed an African Village
Real-Time Energy Consumption Measurements in Data Centers
Quality Management Audits in Nuclear Medicine Practices
Applied Radiology

This book presents the latest neuroscience research on mindfulness meditation and provides guidance on how to apply these findings to our work, relationships, health, education and daily lives. Presenting cutting-edge research on the neurological and cognitive changes associated with its practice Tang aims to explain how it reaps positive effects and subsequently, how best to undertake and implement mindfulness practice. Mindfulness neuroscience research integrates theory and methods from eastern contemplative traditions, western psychology and neuroscience, and is based on neuroimaging techniques, physiological measures and behavioural tests. The Neuroscience of Mindfulness Meditation begins by explaining these foundations and then moves on to themes such as the impact of personality and how mindfulness can shape behaviour change, attention and self-control. Finally, the book discusses common misconceptions about mindfulness and challenges in future research endeavours. Written by an expert in the neuroscience of mindfulness this book will be valuable for scholars, researchers and practitioners in psychotherapy and the health sciences working with mindfulness, as well as those studying and working in the fields of neuroscience and neuropsychology.

An illuminating collection of work by members of the Religious Society of Friends. Covering nearly three centuries of religious development, this comprehensive anthology brings together writings from prominent Friends that illustrate the development of Quakerism, show the nature of Quaker spiritual life, discuss Quaker contributions to European and American civilization, and introduce the diverse community of Friends, some of whom are little remembered even among Quakers today. It gives a balanced overview of Quaker history, spanning the globe from its origins to missionary work, and explores daily life, beliefs, perspectives, movements within the community, and activism throughout the world. It is an exceptional contribution to contemporary understanding of religious thought. For more than seventy years, Penguin has been the leading publisher of

classic literature in the English-speaking world. With more than 1,700 titles, Penguin Classics represents a global bookshelf of the best works throughout history and across genres and disciplines. Readers trust the series to provide authoritative texts enhanced by introductions and notes by distinguished scholars and contemporary authors, as well as up-to-date translations by award-winning translators.

Physics in Nuclear Medicine - by Drs. Simon R. Cherry, James A. Sorenson, and Michael E. Phelps - provides current, comprehensive guidance on the physics underlying modern nuclear medicine and imaging using radioactively labeled tracers. This revised and updated fourth edition features a new full-color layout, as well as the latest information on instrumentation and technology. Stay current on crucial developments in hybrid imaging (PET/CT and SPECT/CT), and small animal imaging, and benefit from the new section on tracer kinetic modeling in neuroreceptor imaging. What's more, you can reinforce your understanding with graphical animations online at www.expertconsult.com, along with the fully searchable text and calculation tools. Master the physics of nuclear medicine with thorough explanations of analytic equations and illustrative graphs to make them accessible. Discover the technologies used in state-of-the-art nuclear medicine imaging systems Fully grasp the process of emission computed tomography with advanced mathematical concepts presented in the appendices. Utilize the extensive data in the day-to-day practice of nuclear medicine practice and research. Tap into the expertise of Dr. Simon Cherry, who contributes his cutting-edge knowledge in nuclear medicine instrumentation. Stay current on the latest developments in nuclear medicine technology and methods New sections to learn about hybrid imaging (PET/CT and SPECT/CT) and small animal imaging. View graphical animations online at www.expertconsult.com, where you can also access the fully searchable text and calculation tools. Get a better view of images and line art and find information more easily thanks to a brand-new, full-color layout. The perfect reference or textbook to comprehensively review physics principles in nuclear medicine.

Monk-turned-lawyer-turned-novelist William Brodrick has proven with each new installment of his Father Anselm series that he's the "writer of choice for those who prefer a cerebral challenge with a moral and social message" (Crime Review). In The Silent Ones, Brodrick tackles head-on the topical and sensitive social issue that's become the modern scourge of the Church to create an intricate thriller that's as devastating as it is impactful. Father Anselm is enlisted to trace the missing Father Livermore, an American priest with a troubled past. His disappearance is undoubtedly connected to allegations made against him by the family of eleven-year-old Harry Brandwell, but a mysterious visitor to the Priory urges Father Anselm to find out why Harry is prepared to blame an innocent man. Father Anselm finds himself on the trail of an imposter, unaware that he is being drawn into the shadows of a mysterious conspiracy, his reputation for integrity exploited by those closest to him, and behind the victim there also stand the ranks of the Silent Ones—those who have chosen silence as a way to face their own horrors—who also seek justice.Contemporary, disturbing, and elegantly plotted, The Silent Ones is a compelling novel about the anatomy of silence, the courage of victims, and the redemptive power of public justice.

Hav

Abdomen and Thoracic Imaging

Physics in Nuclear Medicine E-Book

Vascular Medicine: A Companion to Braunwald's Heart Disease E-Book

How the Body and Mind Work Together to Change Our Behaviour

CT Colonography: Principles and Practice of Virtual Colonoscopy

In CT Colonography, Perry Pickhardt and David Kim present techniques for quicker evaluation and diagnosis of colon cancer through the pioneering, specialty-changing imaging technique of virtual colonoscopy (VC). This combination of sophisticated X-rays and CT scans of the abdomen offers patie an alternative to colonoscopy that is cost effective and reduces the need for unnecessary polyp removal. Abundantly illustrated in full color, this pionee book describes CT colonography from pathogenesis, staging and treatment through indications, technique, and interpretation for the most common pathologies. Covers principles, techniques, and interpretations for the most common pathologies in a logical, practical organization. Presents tips from authors on setting up a VC practice to provide a personal, instructive guide. Provides over 1000 full-color, high-resolution anatomic images throughout the clearest, most accurate picture of colorectal cancer, its natural history, and its diagnosis by VC. Focuses on images, with the text serving as contex the proper use and understanding of VC.

Multislice CTSpringer

The book offers a comprehensive and user-oriented description of the theoretical and technical system fundamentals of computed tomography (CT) fo wide readership, from conventional single-slice acquisitions to volume acquisition with multi-slice and cone-beam spiral CT. It covers in detail all characteristic parameters relevant for image quality and all performance features significant for clinical application. Readers will thus be informed how t use a CT system to an optimum depending on the different diagnostic requirements. This includes a detailed discussion about the dose required and a dose measurements as well as how to reduce dose in CT. All considerations pay special attention to spiral CT and to new developments towards adva multi-slice and cone-beam CT. For the third edition most of the contents have been updated and latest topics like dual source CT, dual energy CT, flat detector CT and interventional CT have been added. The enclosed CD-ROM again offers copies of all figures in the book and attractive case studies, including many examples from the most recent 64-slice acquisitions, and interactive exercises for image viewing and manipulation. This book is intend for all those who work daily, regularly or even only occasionally with CT: physicians, radiographers, engineers, technicians and physicists. A glossary describes all the important technical terms in alphabetical order. The enclosed DVD again offers attractive case studies, including many examples from most recent 64-slice acquisitions, and interactive exercises for image viewing and manipulation. This book is intended for all those who work daily, regularly or even only occasionally with CT: physicians, radiographers, engineers, technicians and physicists. A glossary describes all the important technical terms in alphabetical order.

Documents the story of how an American secretary was declared the monarch of a small fishing village on Ghana's central coast, recounting the challe she faced in improving local circumstances, providing education and countering regional corruption. 100,000 first printing.

Radiation Shielding for Diagnostic X-rays

ASHRAE Datacom

Multislice CT

Third International Workshop, WBIR 2006, Utrecht, The Netherlands, July 9-11, 2006, Proceedings

Flash Imaging

Dosimetry in Diagnostic Radiology

Diagnostic Imaging for the Emergency Physician, written and edited by a practicing emergency physician for emergency physicians, takes a step-by-step approach to the selection and interpretation of commonly ordered diagnostic imaging tests. Dr. Joshua Broder presents validated clinical decision rules, describes time-efficient approaches for the emergency physician to identify critical radiographic findings that impact clinical management and discusses hot topics such as radiation risks, oral and IV contrast in abdominal CT, MRI versus CT for occult hip injury, and more. Diagnostic Imaging for the Emergency Physician has been awarded a 2011 PROSE Award for Excellence for the best new publication in Clinical Medicine. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Choose the best test for each indication through clear explanations of the "how" and "why" behind emergency imaging. Interpret head, spine, chest, and abdominal CT images using a detailed and efficient approach to time-sensitive emergency findings. Stay on top of current developments in the field, including evidence-based analysis of tough controversies - such as indications for oral and IV contrast in abdominal CT and MRI versus CT for occult hip injury; high-risk pathology that can be missed by routine diagnostic imaging - including subarachnoid hemorrhage, bowel injury, mesenteric ischemia, and scaphoid fractures; radiation risks of diagnostic imaging - with practical summaries balancing the need for emergency diagnosis against long-terms risks; and more. Optimize diagnosis through evidence-based guidelines that assist you in discussions with radiologists, coverage of the limits of "negative" or "normal" imaging studies for safe discharge, indications for contrast, and validated clinical decision rules that allow reduced use of diagnostic imaging. Clearly recognize findings and anatomy on radiographs for all major diagnostic modalities used in emergency medicine from more than 1000 images. Find information quickly and easily with streamlined content specific to emergency medicine written and edited by an emergency physician and organized by body system.

This is the second edition of the first available monograph on coronary radiology. In line with recent advances, this edition places special emphasis on the role of non-invasive techniques, detailed information being provided on CT angiography with multidetector and dual-source tomography, 2D and 3D visualization techniques, and MR coronary angiography. Sections on invasive imaging techniques and coronary calcification are included. High-quality color images compliment the text.

A New York Review Books Original Hav is like no place on earth. Rumored to be the site of Troy, captured during the crusades and recaptured by Saladin, visited by Tolstoy, Hitler, Grace Kelly, and Princess Diana, this Mediterranean city-state is home to several architectural marvels and an annual rooftop race that is a feat of athleticism and insanity. As Jan Morris guides us through the corridors and quarters of Hav, we hear the mingling of Italian, Russian, and Arabic in its markets, delight in its famous snow raspberries, and meet the denizens of its casinos and cafés. When Morris published Last Letters from Hav in 1985, it was short-listed for the Booker Prize. Here it is joined by Hav of the Myrmidons, a sequel that brings the story up-to-date. Twenty-first-century Hav is nearly unrecognizable. Sanitized and monetized, it is ruled by a group of fanatics who have rewritten its history to reflect their own blinkered view of the past. Morris’s only novel is dazzlingly sui-generis, part erudite travel memoir, part speculative fiction, part cautionary political tale. It transports the reader to an extraordinary place that never was, but could well be.

Digital Retro

Humans, Animals, and the Environment