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Radiology 1925
Patient Care in Radiography Ruth Ann Ehrlich 2012-02-15 This textbook on radiography and medical imaging covers fundamentals, general patient care, and patient care in specific procedures and environments.
Improving Medication Use and Outcomes with Clinical Decision Support: Jerome A. Osheroff, MD, FACP, FACMI, Editor-in-Chief 2009
Quality and Safety in Radiology Hani H. Abujudeh 2012-03-08 Radiology has been transformed by new imaging advances and a greater demand for imaging, along with a much lower tolerance for error as part of the Quality & Safety revolution in healthcare. With a greater emphasis on patient safety and quality in imaging practice, imaging specialists are increasingly charged with ensuring patient safety and demonstrating that everything done for patients in their care meets the highest quality and safety standards. This book offers practical guidance on understanding, creating, and implementing quality management programs in Radiology. Chapters are comprehensive, detailed, and organized into three sections: Core Concepts, Management Concepts, and Educational & Special Concepts. Discussions are applicable to all practice settings: community hospitals, private practice, academic radiology, and government/military practice, as well as to those preparing for the quality and safety questions on the American Board of Radiology's "Maintenance of Certification" or initial Board Certification Examinations. Bringing together the various elements that comprise the quality and safety agenda for Radiology, this book serves as a thorough roadmap and resource for radiologists, technicians, and radiology managers and administrators.
How to Think Like a Radiologist Tara Marie Catanzano 2009 Radiologic investigations can be confusing to clinicians and radiologists alike. Questions invariably arise as to which type of imaging study best answers the clinical question posed. Once a modality is determined, decisions must be made regarding the technical manner in which the study is performed and if intravenous contrast is required. Patient factors, risks, benefits, and other variables must also be considered. This pocket guide is written for anyone who needs to understand enough about radiology to know which study to order in a patient workup. The book addresses imaging studies by modality, body region, and type of study in bulleted outline format for easy reference. General considerations for each modality - including advantages and disadvantages - are presented, followed by patient preparation and requirements for each type of examination. The author explains how specific studies are performed and what information can be obtained, study indications, contraindications, and limitations.
Radiology Business Practice David M. Yousem 2007-10-01 To succeed in radiology, you not only need to be able to interpret diagnostic images accurately and efficiently; you also need to make wise decisions about managing your practice at every level. Whether you work in a private, group, hospital, and/or university setting, this practical resource delivers the real-world advice you need to effectively navigate day-to-day financial decisions, equipment and computer systems choices, and interactions with your partners and staff. Equips you to make the best possible decisions on assessing your equipment needs · dealing with manufacturers · purchasing versus leasing · and anticipating maintenance costs and depreciation. Helps you to identify your most appropriate options for picture archiving systems and radiology information systems · security issues · high-speed lines · storage issues · workstation assessments · and paperless filmless flow. Offers advice on dealing with departments/clinicians who wish to perform radiological procedures and provides strategies for win-win compromises, drawing the line, inpatient-versus-outpatient considerations, cost and revenue sharing, and more.
National Conference on Referral Criteria for X-Ray Examinations 1979
Medical Records for Attorneys Laurence M. Deutsch 2001
Informatics in Medical Imaging George C. Kagadis 2011-10-17 Informatics in Medical Imaging provides a comprehensive survey of the field of medical imaging informatics. In addition to radiology, it also addresses other specialties such as pathology, cardiology, dermatology, and surgery, which have adopted the use of digital images. The book discusses basic imaging informatics protocols, picture archiving and communication systems, and the electronic medical record. It details key instrumentation and data mining technologies used in medical imaging informatics as well as practical operational issues, such as procurement, maintenance, teleradiology, and ethics. Highlights Introduces the basic ideas of imaging informatics, the terms used, and how data are represented and transmitted Emphasizes the fundamental communication paradigms: HL7, DICOM, and IHE Describes information systems that are typically used within imaging departments: orders and result systems, acquisition systems, reporting systems, archives, and information-display systems Outlines the principal components of modern computing, networks, and storage systems Covers the technology and principles of display and acquisition detectors, and rounds out with a discussion of other key computer technologies Discusses procurement and maintenance issues; ethics and its relationship to government initiatives like HIPAA; and constructs beyond radiology The technologies of medical imaging and radiation therapy are so complex and computer-driven that it is difficult for physicians and technologists responsible for their clinical use to know exactly what is happening at the point of care. Medical physicists are best equipped to understand the technologies and their applications, and these individuals are assuming greater responsibilities in the clinical arena to ensure that intended care is delivered in a safe and effective manner. Built on a foundation of classic and cutting-edge research, Informatics in Medical Imaging supports and updates medical physicists functioning at the intersection of radiology and radiation.
Non-Interpretive Skills for Radiology: Case Review E-Book David M. Yousem 2016-09-14 The only review book of its kind, David M. Yousem's Non-Interpretive Skills prepares you for exam questions on every aspect of radiology that does not involve reading and interpreting images: communication, quality and safety, ethics, leadership, data management, business principles, analytics, statistics, and more. Ideal for residents and practitioners alike, this unique study tool contains hundreds of questions, answers, and rationales that cover the entire range of NIS content on the credentialing boards and MOC exams. Your exam preparation isn't complete without it! Exclusive test preparation on every NIS area, including business, ethics, safety, quality improvement, resuscitation techniques, and medications used by radiologists. 600 multiple-choice questions with answers and rationales provide a practical and solid foundation for exams and clinical practice. Author David M. Yousem, MD, MBA and his colleagues at the Johns Hopkins Department of Radiology share years of expertise in radiology education, quality assurance, and business topics. A single, easy-to-use source for thorough review of the NIS topics you'll encounter on exams and in your radiology practice.
Implementing an Electronic Health Record System James M. Walker 2006-08-07 - Practical in its scope and coverage, the authors have provided a tool-kit for the medical professional in the often complex field of medical informatics - All editors are from the Geisinger Health System, which has one of the largest Electron Health systmes in the USA, and is high in the list of the AMIA "100 Most Wire" healthcare systems - Describes the latest successes and pitfalls
Pediatric Interventional Radiology Richard Towbin 2015-06-18 The emerging specialty of pediatric interventional radiology uses a variety of intravascular techniques to manage a wide range of childhood conditions, including cerebrovascular, soft-tissue, bone and joint, oncologic, gastrointestinal, venous, urologic, pulmonary, trauma, and hepatobiliary disorders. It has pioneered the use of several new radiologic techniques, such as the use of high-end ultrasound as a guidance modality in the performance of multi-modality procedures. Comprehensively covering the field, this volume highlights safe practice and features the diversity of problems for which treatment falls within the scope of this specialty. Over 700 illustrations, including high-quality radiographs and intraoperative photographs, give the reader an extensive insight into these conditions and procedures. Essential reading for pediatric interventional radiologists and trainees in pediatric and interventional radiology, this book will also be a useful reference for practitioners who treat childhood illnesses, and those who perform procedures such as central venous access, biopsy, and drainage in children.
Introduction to Radiologic and Imaging Sciences and Patient Care - E-Book Arlene M. Adler 2015-01-01 Learn the professional and patient care skills you need for clinical practice! Using a clear and concise format, Introduction to Radiologic Sciences and Patient Care, 6th Edition meets the standards set by the American Society of Radiologic Technologists (ASRT) Curriculum Guide and the American Registry of Radiologic Technologists (ARRT) Task List for certification examinations. Updates on current digital imaging and instrumentation provide you with the important information you need for clinical success. Chapter review questions and lab activities available online and on tear sheets in the text give you easy access to on-the-go learning. Step-by-step procedures presented in boxed lists throughout the text ensure you are well prepared for clinical success. More than 300 photos and line drawings help you understand and visualize patient-care procedures. Back of book review questions provide you with an opportunity for review and greater challenge. NEW and UPDATED! Updates on current digital imaging and instrumentation give you the important information you need for clinical success. NEW! Patient care video clips illustrate how to care for patients of any age. NEW! Chapter review questions and lab activities available online and as tear sheets in the text offer easy access to on-the-go chapter review and lab activities. NEW and UPDATED! Appendices containing practice standards, professional organizations, state licensing agencies, the ARRT code of ethics and patient care partnership prepare you for what you will encounter in the practice environment.
Patient Care in Radiography - E-Book Ruth Ann Ehrlich 2020-01-31 Learn to master radiography patient care with the book that covers it best! With step-by-step instructions and more than 400 full-color illustrations, Patient Care in Radiography, 10th Edition is the perfect resource to help teach you effective radiography patient care. Each chapter expertly guides you through the latest guidelines, carefully making the connection between the topics being discussed and how they relate to patient care. An emphasis is placed on the skills and procedures that are imperative for quality patient care – including safety, transfer, positioning, infection control, and patient assessment. Also included is information on microbiology, emerging diseases, trans-cultural communication, ECGs, administering medications, and bedside radiography to ensure you are well-versed in both the technical and interpersonal skills needed for professional practice. Coverage of patient care and procedural skills helps provide safe, high-quality patient care and technical proficiency. Step-by-step procedures are shown in photo essays, demonstrated with more than 400 full-color illustrations. Case studies focus on medicolegal terms, standards, and applications and help build problem-solving skills. Coverage of infection control helps emphasize the importance of preventing the spread of diseases. Special Imaging Modalities chapter provides an overview of patient care for a wide range of imaging methods. Chapter outlines, objectives, key terms, summaries, review questions, and critical thinking exercises focus on the key information in each chapter. Answers to the review questions are included in the back of the book. NEW! New images highlight many patient procedures and visually demonstrate how to care for patients. NEW! Updated content covers the most current exams, procedures, and technologies, as well as the most current information from the American Society of Radiologic Technologists.
Fundamentals of Skeletal Radiology E-Book Clyde A. Helms 2018-12-28 Trusted by thousands of radiology residents, students, and clinicians, the "pink book" continues to be the perfect first book for essential, easily accessible information in skeletal imaging. Fundamentals of Skeletal Radiology, 5th Edition, provides an authoritative introduction to x-rays, MR, and other skeletal imaging modalities, offering a quick, effective review of musculoskeletal imaging in a concise, easy-to-read style. Depicts musculoskeletal imaging concepts and techniques through hundreds of high-quality digital radiographs, MRIs, bone scans, and CT images. Uses a succinct, highly accessible writing style for easy, straightforward understanding of complex material. Updates include numerous new, high-quality MR images and extensive coverage of MRI of the spine and joints, including imaging protocols, common pathologies, and detailed specifics on reading and interpretation. Presents full-color imaging examples to help you discern subtleties and nuances for efficient and accurate interpretation. Discusses radiation dosage concerns, early detection, avoiding unnecessary exams, and common skeletal conditions, including a chapter on trauma.
Strategy as Practice Gerry Johnson 2007-08-02 This is an analysis of what managers actually do in relation to the development of strategy in organisations.
Essentials of General Surgery Peter F. Lawrence 2013-08-08 For nearly 25 years, medical students and faculty alike have chosen Essentials of General Surgery and its companion textbook, Essentials of Surgical Specialties, for authoritative coverage of surgical information that every physician in training should know. The Fifth Edition incorporates current research from the field; new sample questions, answers, and rationales; and new tables and algorithms. A new art program presents concepts and images—including an Appendix with 50 burn images—in full color for optimal learning and retention.
Diagnostic Imaging Ordering Practices by Referring Physicians Janessa Griffith 2012 The diagnostic imaging (DI) literature identifies that unnecessary examinations are occurring. However, there is a gap in the research literature: little is known about how physicians order DI examinations and what efforts need to be undertaken to reduce the number of inappropriate orders made by physicians. Such research is needed in order to promote patient safety and improve utilization of limited health care resourcesPurpose: The purpose of this study is to explore how physicians order DI services, and what efforts could be made to reduce inappropriate DI ordering. Participants: 12 English speaking, non-radiologist physicians (general practitioners and specialists) participated in this study. Methods: Semi-structured key informant interviews were conducted with participants. Data from these interviews were analyzed using a grounded theory approach. Results: DI ordering practices (both appropriate and inappropriate) emerged as the dominant theme in this research, specifically in the context of prevalence, decision-making, information support, contributing factors, and solutions. Particularly, the majority of participants felt that DI is overused in the medical field and identified contacting physicians (colleagues, specialists, or radiologists) and consulting the literature (using UpToDate? or Google Scholar) as their top methods of information support used in challenging clinical scenarios. Meanwhile, participants suggested factors that contribute to inappropriate ordering: patient demand, legal liability, and duplicate ordering. The majority of participants believed education could reduce inappropriate ordering. Participants also identified increasing communication about requisitions and restricting DI ordering authority as potential solutions to reduce inappropriate ordering. Conclusion: From the interviews, ordering (both appropriate and inappropriate ordering) emerged as the overarching theme. Findings were compared and contrasted to the current literature. Overall, this study revealed how human factors, such as patient demand, influence how a physician orders DI. As well, the majority of participants relied on the patient to recall patient DI history; however, literature suggests this method is unreliable. This study also offers unique insight into the physician's perspective of what would be effective for reducing inappropriate ordering. These findings contribute to the field of health informatics as any technology developed to reduce inappropriate ordering (such as a clinical decision support system) needs to consider these human factors to support user acceptance. Through findings from this study, further research gaps emerged that can guide future research.
An Introduction to Healthcare Informatics Peter Mccaffrey 2020-07-29 An Introduction to Healthcare Informatics: Building Data-Driven Tools bridges the gap between the current healthcare IT landscape and cutting edge technologies in data science, cloud infrastructure, application development and even artificial intelligence. Information technology encompasses several rapidly evolving areas, however healthcare as a field suffers from a relatively archaic technology landscape and a lack of curriculum to effectively train its millions of practitioners in the skills they need to utilize data and related tools. The book discusses topics such as data access, data analysis, big data current landscape and application architecture. Additionally, it encompasses a discussion on the future developments in the field. This book provides physicians, nurses and health scientists with the concepts and skills necessary to work with analysts and IT professionals and even perform analysis and application architecture themselves. Presents case-based learning relevant to healthcare, bringing each concept accompanied by an example which becomes critical when explaining the function of SQL, databases, basic models etc. Provides a roadmap for implementing modern technologies and design patters in a healthcare setting, helping the reader to understand both the archaic enterprise systems that often exist in hospitals as well as emerging tools and how they can be used together Explains healthcare-specific stakeholders and the management of analytical projects within healthcare, allowing healthcare practitioners to successfully navigate the political and bureaucratic challenges to implementation Brings diagrams for each example and technology describing how they operate individually as well as how they fit into a larger reference architecture built upon throughout the book
Radiology Noninterpretive Skills: The Requisites eBook Hani H Abujudeh 2017-05-07 Part of the highly respected Requisites series, Radiology Noninterpretive Skills, by Drs. Hani H. Abujudeh and Michael A. Bruno, is a single-volume source of timely information on all of the non-imaging aspects of radiology such as quality and safety, ethics and professionalism, and error management in radiology. Residents and radiologists preparing for the boards and recertification will find this book invaluable, as well as those practitioners wanting to broaden their knowledge and skills in this increasingly important area. Offers a readable and concise introduction to the essential noninterpretive skills as defined by the IOM, ACR, and other national organizations. Covers what you need to know about quality and safety; leadership and management; health economics; legal, business, ethics and professionalism; statistical tools; error reporting and prevention; evidence-based imaging; health IT and internet applications; "Image Wisely" and "Imaging 3.0" ACR initiatives; legal issues and malpractice; current and future payment models in radiology; and much more. Summarizes key information with numerous outlines, tables, ''pearls,'' and boxed material for easy reference. Provides comprehensive coverage of key "milestones" in training identified by the Accreditation Council for Graduate Medical Education (ACGME). Fills an important gap for those preparing for the current MOC and ABR exams, covering the many topics touched upon in a major section of the examinations. Brings together in one source the experience of leading national experts and a select team of expert contributors.
Fordney's Medical Insurance and Billing - E-Book Linda Smith 2021-10-27 Gain the medical insurance skills you need to succeed in today's outpatient and inpatient settings! Fordney's Medical Insurance and Billing, 16th Edition helps you master the insurance billing specialist's role and responsibilities in areas such as diagnostic coding, procedural coding, billing, and collection. Using clear, easy-to-understand explanations, this book covers all types of insurance coverage commonly encountered in hospitals, physicians' offices, and clinics. Step-by-step guidelines lead you through medical documentation and administrative procedures. Written by coding specialist and educator Linda M. Smith, this market-leading text is a complete guide to becoming an efficient insurance billing specialist. Coverage of medical documentation, diagnostic coding, and procedural coding provides you with the foundation and skills needed to work in a physician's office as well as outpatient and inpatient settings. Coverage of the role and responsibilities of the insurance billing specialist emphasizes advanced job opportunities and certification. Step-by-step procedures detail common responsibilities of the insurance billing specialist and coder. Key terms and abbreviations are defined and emphasized, reinforcing your understanding of new concepts and terminology. Color-coded icons denote and clarify information, rules, and regulations for each type of payer. Privacy, Security, and HIPAA chapter and Compliance Alerts throughout the book highlight important HIPAA compliance issues and regulations. UNIQUE! Interactive UB-04 Form filler on the Evolve website gives you additional practice with inpatient electronic health records. NEW! Insights From The Field includes short interviews with insurance billing specialists who have experience in the field, providing a snapshot of their career paths and offering advice to the new student. NEW! Scenario boxes help you apply concepts to real-world situations. NEW! Quick Review sections summarize chapter content and also include review questions. NEW! Discussion Points provide the opportunity for students and instructors to participate in interesting and open dialogues related to the chapter's content. NEW! Expanded Health Care Facility Billing chapters are revised to provide the latest information impacting the insurance billing specialist working in a variety of healthcare facility settings.
Classic Papers in Modern Diagnostic Radiology Adrian M.K. Thomas 2005-12-05 I am very pleased to have been asked to write the foreword to this book. The technical advances in diagnostic radiology in the last few decades have transformed clinical practice and have been nothing short of astonishing. The subject of diagnostic radiology is now very large and radiology depa- ments are involved in all areas of modern patient care.The defining event in m- ern radiology,and arguably the most significant development in radiology since Wilhelm Röntgen discovered X-rays, was the invention of the CT scanner in the 1970s.The CT scanner introduced modern cross-sectional imaging and also di-tal imaging.We now have MRI and ultrasound and these techniques are replacing many traditional X-ray procedures.The developments in radiology have been the result of a fruitful interaction between the basic sciences, clinical medicine and the manufacturers. This can be seen by looking at the various sources of these publications. Change is produced by the interactions between the various dis- plines. The editors have had a very difficult task in selecting the key discoveries and descriptions.The radiological literature is very large.Medical imaging continues to develop rapidly and these papers are the foundations of our current practice.
Navigating Medicine Howard Duryea MPAS RPA-C 2019-03-19 Currently over 130 million people visit the emergency department every year. Given this statistic, there is a good chance that you or a member of your family will need to seek medical care at an emergency department in the next year. Despite these high visitation rates, many people going to the emergency department, seeking medical care, are unaware of the people they will meet and the process they will encounter. Having a good understanding of both will help you to navigate through your visit and optimize your understanding and, hopefully, the care you will receive. It is through this understanding that it is hoped you will have a productive, informative, and satisfying emergency department experience. Navigating Medicine: a Patient's Guide to Visiting the Emergency Department will guide you through the emergency department""providing you with information on the process, including triage, the time you wait, the people you may meet, the types of illnesses you may have that will need emergent treatment as well as the discharge process. With half of all medical care in America being provided through emergency departments, it is almost inevitable that, at some time in the future, you or someone you know will find themselves in an emergency department. Why is it so important to know what to expect and what is expected of you during a visit? The more you understand the people and the process involved, the better you will be prepared and, hopefully, the more fruitful an experience it will be. In Navigating Medicine: a Patient's Guide to Visiting the Emergency Department, you will be familiarized with the process you will encounter from the moment you are first assessed in triage continuing through either admission to the hospital or discharge from the emergency department at the end of your visit.
Handbook of Clinical Nursing: Critical and Emergency Care Nursing Ronald Hickman, PhD, ACNP-BC, FNAP, FAAN 2018-02-28 Designed for recently graduated RNs and nurses transitioning to a new clinical area, this extensive clinical reference is the best resource to provide essential information on the critical care and emergency care specialty areas. Concise and practical entries provide fundamental coverage of the most common clinical problems and issues encountered in nursing practice today. Alphabetized for easy access, each entry includes a definition and description of the clinical problem; etiology; clinical aspects, such as assessment, nursing interventions, management, and implications; and outcomes. Each entry focuses on the role of the nurse throughout the treatment process, and discusses the role of other health care providers with a focus on multidisciplinary treatment. Handbook of Clinical Nursing: Critical and Emergency Care will be of value to nursing faculty, undergraduate and graduate-level nurses, and nursing students at all levels. Entries from this text have been selected from the larger resource, A Guide to Mastery in Clinical Nursing: The Comprehensive Reference. Key Features: Provides essential information on clinical topics pertinent to the critical care and emergency care specialties Offers key knowledge for nurses new to practice or working in an unfamiliar nursing area Presented in a consistent format for ease of use Includes an overview of each specialty area Focuses on the role of the nurse throughout the treatment process Written and edited by expert clinicians and educators
Efficient Radiology Daniel Rosenthal 2020-09-22 Aiming at building efficient radiology operations, this book walks the reader through the entire radiology workflow, from the moment that the examination is requested to the reporting of findings. Using their practical experience, the authors draw attention to the many elements that can go wrong at each step, and explain how critical analysis and objective metrics can be used to fix broken processes. Readers will learn how to measure the efficiency of their workflows, where to find relevant data, and how to use it in the most productive ways. The book also addresses how data can be turned into insightful operational information to produce organizational change. All aspects of radiology operations are considered including ordering, scheduling, protocols, checking-in, image acquisition, image interpretation, communication, and billing. The closing section provides a deeper dive into the advanced tools and techniques that are used to analyze operations, including queuing theory, process mining and artificial intelligence.
Decisions and Orders of the National Labor Relations Board United States. National Labor Relations Board 1983
Conquer Medical Coding 2018 Jean Juek 2017-12-25 Take a real-world approach to coding that prepares you for the AAPC or AHIMA certification exams and for professional practice in any health care setting. The book is also a handy resource you can turn to throughout your career. Unique decision trees show you how to logically assign a code. It's the only text that breaks down the decision-making process into a visual and repeatable process! You'll learn exactly how to select the correct ICD-10, CPT, and HCPCS codes. Each section parallels the Official Coding Guidelines, with a special emphasis on commonly used codes. A wealth of learning tools and tips, along with critical-thinking exercises and real-life case studies, provide the practice you need to master coding. Brief reviews of A&P and pathophysiology put the codes into perfect context.
Zitelli and Davis' Atlas of Pediatric Physical Diagnosis Basil John Zitelli 2012 Rev. ed. of: Atlas of pediatric physical diagnosis / [edited by] Basil J. Zitelli, Holly W. Davis. c2007.
How to Think Like a Radiologist Tara Marie Catanzano 2009 Guide to imaging studies to aid clinicians in choosing radiologic investigations for accurate disease diagnosis.
National Conference on Radiation Control Contains proceedings of the annual National Conference on Radiation Control.
Medical Care Law Edward P. Richards 1999 A legal reference for practicing physicians is a necessary adjunct to their professional practice library in today's highly regulated and litigious world. Medical Care Law was written to help practicing physicians avoid legal conflicts, and to prevent legal problems rather than treat them.

Written with the practicing physician in mind, this book is also valuable to a variety of health professionals, including physician executives, medical directors, nurse administrators, advanced practice nurses, case managers, risk managers, legal nurse consultants, health care administrators, public health professionals, and attorneys. In addition To The traditional legal issues affecting medical practitioners, Medical Care Law addresses the legal pitfalls in today's volatile health care landscape, including managed care, health care fraud and abuse, compliance plans, and working with non-physician providers.

Practical Radiology Edward C Weber 2013-01-08 Rely on this practical guide to the role of medical imaging in the diagnosis and treatment of common diseases and disorders. Follow its symptoms-based approach to learn when medical imaging is appropriate, what the ideal study may be for a specific clinical problem, how to interpret an official report on a radiologic study, what the possible appropriate next steps are, and how radiologic results may (or may not) alter clinical management of your patient.

Evaluation of imaging ordering by general practitioners in Australia, 2002-03 to 2011-12 Britt Helena 2014-07-21 This book reports changes in GP ordering of imaging tests in Australia from 2002-03 to 2011-12, and evaluates alignment between guidelines and recent GP test ordering for selected problems. Over the decade, 9,802 GPs participated in BEACH, providing details of 980,200 GP-patient encounters. The likelihood of GPs ordering imaging in the management of a problem increased over time. In recent practice, at least one imaging test was ordered at 9% of encounters, at a rate of 10 imaging tests per 100 encounters. Diagnostic radiology was the most commonly ordered type of imaging test, but the order rate decreased over time, with a shift toward orders for ultrasound, CT and MRI, which all significantly increased. Eight selected problems accounted for one-third of all imaging orders. Imaging ordering behaviour suggests broad compliance with published guidelines in the management of osteoarthritis, shoulder problems, bursitis/tendonitis/synovitis, abdominal pain and other musculoskeletal injuries. Current ordering patterns for knee problems and some sprains/strains have potential for improvement. The ordering pattern for new presentations of back problems was inconsistent with all established guidelines for management of back problems.

The Breast Test Book Connie Jones 2017 Breast cancer is the most commonly diagnosed malignancy in women and the second leading cause of cancer-related deaths in American women. Although cardiovascular-related deaths significantly outnumber breast cancer deaths, breast cancer is arguably the most feared diagnosis among American women. Great strides have been made to heighten public awareness of breast cancer, with particular emphasis on early detection with mammography. Breast radiologists regularly witness the extreme anxiety that just the thought of being diagnosed with breast cancer can cause a patient. This anxious anticipation is often heightened by a lack of knowledge about what to expect from the process of breast imaging evaluation, which is frustrating for both patient and practitioner and can negatively affect the experience. Physicians often encounter patients who have little or no understanding of the reasoning behind the examination or procedure about to be performed-sometimes even up to the day of their breast cancer surgery. Furthermore, most women who undergo breast evaluations will not be diagnosed with cancer. The incidence of breast cancer is only 125.3 per 100,000 women (or 3-6 in every 1,000 screenings), however, symptoms of benign breast abnormalities are quite common and impact many more lives. Accurately diagnosing these non-cancerous conditions can alleviate much anxiety, in addition to helping patients towards a correct treatment plan. The Breast Test Book is a straightforward guide to the process of radiologic breast evaluations. Based on the most current scientific research and best standards of clinical practice, it will help debunk myths, shed light on misinformation, and provide clear facts about what women should expect from these screenings. This improved understanding will ultimately allow patients to play more active roles in their own care and, in the event that a diagnosis is made, give them confidence in their treatment.

Computed Tomography & Magnetic Resonance Imaging Of The Whole Body E-Book John R. Haaga 2016-06-06 Over 5,200 high quality CT, MR, and hybrid technology images in one definitive reference. For the radiologist who needs information on the latest cutting-edge techniques in rapidly changing imaging technologies, such as CT, MRI, and PET/CT, and for the resident who needs a comprehensive resource that gives a broad overview of CT and MRI capabilities. Brand-new team of new international associate editors provides a unique global perspective on the use of CT and MRI across the world. Completely revised in a new, more succinct presentation without redundancies for faster access to critical content. Vastly expanded section on new MRI and CT technology keeps you current with continuously evolving innovations.

A Guide to Mastery in Clinical Nursing Dr. Joyce Fitzpatrick, PhD, MBA, RN, FAAN, FNAP 2017-12-28 Designed for both new registered nurses and nurses transitioning to a new clinical area, this extensive clinical reference is the only resource to provide essential information on more than 300 topics from 11 specialty areas. Concise and practical entries provide fundamental coverage of the most common clinical problems and issues encountered in nursing practice today. Key leaders in clinical content areas authored content on emergency and critical care, geriatric nursing, health systems and health promotion, medical surgical nursing, neonatal nursing, nurse anesthesia, obstetrics and women’s health, palliative care, perioperative nursing, pediatric nursing, and psychiatric mental health nursing. Alphabetized for easy access, each entry includes a definition and description of the clinical problem, etiology, nursing assessment, related problems, interventions, nursing management and evaluation, and safety considerations. The Considerations section of each topic focuses on the role of the nurse throughout the treatment process, and discusses the role of other health care providers with a focus on multidisciplinary treatment. Intended primarily for university and hospital libraries, A Guide to Mastery in Clinical Nursing will also be of value to nursing faculty, undergraduate and graduate-level nurses and nursing students at all levels. Key Features: Provides essential information on over 300 clinical topics from 11 specialty areas Offers key knowledge for nurses new to practice or working in an unfamiliar nursing area Presented in a consistent format for ease of use Includes an overview of each specialty area Focuses on the role of the nurse throughout the treatment process Written and edited by expert clinicians and educators in each clinical area

A Decade of Progress 1979

Common Musculoskeletal Problems James M. Daniels 2015-04-04 Primary care physicians are increasingly called upon to identify and manage complex musculoskeletal issues in their patients. This second edition of Common Musculoskeletal Problems in Primary Care: A Handbook is an excellent point of care resource for health care providers to better diagnose and treat patients presenting with common musculoskeletal complaints. Each chapter in this book focuses on a specific joint or region and discusses anatomy, red flags, approach to the patient, common clinical presentations and management, and includes a flow diagram to help direct management and follow-up of a patient’s problem. A number of important updates in the field have been addressed in this revised version, most notably the inclusion of information on meaningful use. Meaningful Use legislation requires that healthcare providers give documentation on diagnosis and treatment to every patient at the time of their evaluation and as such, each chapter of this revised edition includes patient instructions and education sections for clinicians. Updated algorithms and physical examination sheets are provided and are formatted to easily fit into an electronic medical record. Featuring a user-friendly approach and step-by-step guidelines for managing a number of common musculoskeletal conditions, this handbook is an ideal reference for medical students, primary care residents and practicing primary care providers alike.

Introduction to Radiologic Sciences and Patient Care - E-Book Arlene M. Adler 2013-08-13 Learn the professional and patient care skills you need for clinical practice! A clear, concise introduction to the imaging sciences, Introduction to Radiologic Sciences and Patient Care meets the standards set by the American Society of Radiologic Technologists (ASRT) Curriculum Guide and the American Registry of Radiologic Technologists (ARRT) Task List for certification examinations. Covering the big picture, expert authors Arlene M. Adler and Richard R. Carlton provide a complete overview of the radiologic sciences professions and of all aspects of patient care. More than 300 photos and line drawings clearly demonstrate patient care procedures. Step-by-step procedures make it easy to follow learn skills and prepare for clinicals. Chapter outlines and objectives help you master key concepts. Key Terms with definitions are presented at the beginning of each chapter. Up-to-date references are provided at the end of each chapter. Appendices prepare you for the practice environment by including practice standards, professional organizations, state licensing agencies, the ARRT code of ethics, and patient's rights information. 100 new photos and 160 new full-color line drawings show patient care procedures. Updates ensure that you are current with the Fundamentals and Patient Care sections of the ASRT core curriculum guidelines. New and expanded coverage is added to the chapters on critical thinking, radiographic imaging, vital signs, professional ethics, and medical law. Student resources on a companion Evolve website help you master procedures with patient care lab activities and review questions along with 40 patient care videos.

3D Printing for the Radiologist, E-Book Nicole Wake 2021-05-27 Comprehensive, yet concise, 3D Printing for the Radiologist presents an overview of three-dimensional printing at the point of care. Focusing on opportunities and challenges in radiology practice, this up-to-date reference covers computer-aided design principles, quality assurance, training, and guidance for integrating 3D printing across radiology subspecialties. Practicing and trainee radiologists, surgeons, researchers, and imaging specialists will find this an indispensable resource for furthering their understanding of the current state and future outlooks for 3D printing in clinical medicine. Covers a wide range of topics, including basic principles of 3D printing, quality assurance, regulatory perspectives, and practical implementation in medical training and practice. Addresses the challenges associated with 3D printing integration in clinical settings, such as reimbursement, regulatory issues, and training. Features concise chapters from a team of multidisciplinary chapter authors, including practicing radiologists, researchers, and engineers. Consolidates today’s available information on this timely topic into a single, convenient, resource.