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Teaching Atlas of Abdominal Imaging is a case-based reference covering the full spectrum of common and uncommon problems of the gastrointestinal and genitourinary tract encountered in everyday practice. The book organizes cases into sections based on the anatomic location of the problem. Each chapter provides succinct descriptions of clinical presentation, radiologic findings, diagnosis, and differential diagnosis for the case. The chapter then discusses the background for each diagnosis, clinical findings, common complications, etiology, imaging findings, treatment, and prognosis. Key features: Succinct text and consistent presentation in each chapter enhance the ease of use Practical discussion of all current imaging modalities Nearly 550 high-quality images demonstrate key concepts Bulleted lists of pearls and pitfalls at the end of each chapter highlight important points An appendix with 64-slice protocols for various CT scans, such as dual-phase liver and pancreatic scans Ideal for both self-assessment and rapid review, this book is a valuable resource for radiologists, gastrointestinal and genitourinary radiologists, and fellows and residents in these specialties. Step by Step to Proficiency in Diagnostic Ultrasound This workbook is divided into lessons that guide you—like an instructor in an ultrasound course—systematically through the individual organ systems and body regions. Key features of the fourth edition: Special multiple-exposure photos demonstrate the dynamics of handling the transducer Triplet-image units vividly illustrate transducer positioning, the ultrasound image, and relevant anatomy Reference numbers on the accompanying diagrams help you to both actively develop your knowledge and to test it at any time. The legend located on the back cover flap is the key to the reference numbers that are used consistently in each diagram. Quiz images at the end of each chapter are the perfect tool for rigorous self-evaluation Physical fundamentals are presented in vibrant, illustrative diagrams Numerous practical tips and tricks make it easy to familiarize yourself with ultrasound A primer on ultrasound interpretation explains specialized terminology concisely and clearly Precise descriptions of algorithms for transducer positioning facilitate real-time examinations Videos (online access) showing relevant ultrasound anatomy, optimal transducer positioning, and the images you will see on the monitor during examination let you experience the content live—a perfect complement to the book that will greatly improve your retention of the material. Ideal for residents starting in radiology and radiologic technologists, this concise manual is the perfect introduction to the physics and practice of CT and the interpretation of basic CT images. Designed as a systematic learning tool, it introduces the use of CT scanners for all organs, and includes positioning, use of contrast media, representative CT scans of normal and pathological findings, explanatory drawings with keyed anatomic structures, and an overview of the most important measurement data. Finally, self-assessment quizzes - including answers - at the end of each chapter help the reader monitor progress and evaluate knowledge gained. New in this fifth edition: Recent technical developments such as dual source CT, protocols for CT angiography, and PET/CT fusion. The 'Oxford Handbook of Anaesthesia' continues to provide state of the art information on anaesthetic practice. The third edition has a new colour layout and includes new topics on risk, consent, organ donation, anaesthesia for the critically ill patient, and management of perioperative IV fluids. Jeff Anderson and literacy coach Whitney La Rocca take you into primary and intermediate classrooms where students are curious about language, engage with the world around them, and notice and experiment with the conventions all writers use. Instead of chanting grammar rules or completing countless convention worksheets, we invite young writers to explore conventions as special effects devices that activate meaning. Our students study authentic texts and come to recognize these "patterns of power"—the essential grammar conventions that readers and writers require to make meaning. The first part of the book introduces a vibrant approach to grammar instruction and sets up what you need to immerse yourself in the Patterns of Power process, inviting students to experiment and play with language. The second part of the book offers over seventy practical, ready-to-use lessons, including: Extensive support materials Over 100 mentor sentences, curated for grades 1-5 Student work samples Tips and power notes to facilitate your own knowledge and learning Examples for application In Patterns of Power Jeff and Whitney suggest that taking just five minutes from your reading workshop and five minutes from your writing workshop to focus on how the conventions connect reading and writing will miraculously affect your students' understanding of how language works for readers and writers. This second edition adheres to the guiding principles of the first edition while serving as a useful and up to date manual on the theory, performance and application of CCTA. Since the publication of the first edition of this work, cardiac CT angiography (CCTA) has come a long way. It is now a main stream, well established cardiac diagnostic imaging modality with wide spread acceptance and application. A Sound Approach presents a logically sequenced method for teaching reading and spelling using phonemic awareness. The book is based on real classroom experiences, a synthesis of contemporary research, and teacher feedback. This resource provides the knowledge and skills you need to effectively assess and teach crucial reading skills to your beginning and struggling readers. The authors offer: a variety of simple, effective activities that appeal to visual, auditory, and kinesthetic learners engaging, easy-to-follow lesson plans appropriate for whole-class, small-group, or individual instruction that easily fit into a readers-workshop or literacy-centre approach enlightening research-to-practice sidebars that respond to common questions and concerns reproducible assessments, sound cards and word cards, short-vowel cue cards, pictures pages, words-and-pictures pages, story starters, and riddles Resource added for the Diagnostic Medical Sonography program 105262. Interpretation of Emergency Head CT is an invaluable quick reference to the key aspects of the head CT. It provides the clinician with an easy-to-use 'ABCs' system to analyse any head CT scan that may be encountered in the acute setting. Section 1 contains both a comprehensive section on radiological anatomy of the brain showing cranial anatomy overlaid onto CT images and technical details of CT imaging in a simplified form. Section 2 covers the wide gamut of conditions that are likely to be encountered in acute medical practice. Pitfalls are highlighted and tips are included to assist the recognition of important signs, along with ways to distinguish other pathologies with a similar appearance. This is an excellent practical resource for all clinicians who utilise CT scans of the head as part of their patient management. First Published in 2002. Routledge is an imprint of Taylor & Francis, an informa company. Ideal for radiology residents and technicians, this concise manual is the perfect introduction to the practice and interpretation of computed tomography. Designed as a systematic learning tool, it introduces the use CT scanners for all organs, and includes positioning, use of contrast media, representative CT scans of normal and pathological findings, explanatory drawings with keyed anatomic structures, and an overview of the most important measurement data. Finally, self-assessment quizzes - including answers - at the end of each chapter help the reader monitor progress and evaluate knowledge gained. The second edition includes newest techniques such as CT angiography, dose reduction, and multislice scanning. The new and exciting diagnostic procedure of color-coded duplex sonography is reviewed by leading worldwide experts, who show why this relatively inexpensive and non-invasive technology has proven superior to conventional ultrasound in many areas. The radiologist gets a full review of the technical principles, examination methods, differential diagnostic considerations, and pros and cons of the technique. Supported by 467 high-quality

illustrations, Color Duplex Sonography is a fast-reading, beautifully illustrated book that covers this powerful diagnostic procedure for new and experienced practitioners alike. Despite the exponential growth in the use of peripheral CTA in the diagnosis and follow-up of vascular disease patients, practical sources from which to gain valuable expertise in this field remain scarce. There is becoming a great need for experts in the field of peripheral CTA, yet learning this imaging modality may be intimidating and time consuming. Very few if any, small, concise and portable books exist to ease training in this field and current books in this field are overwhelming, difficult to manage, text books that often combine CTA and MRI. A so called "how to manual" and reference guide to explain this technique from beginning to end, which compiles valuable, and difficult to obtain clinical pearls and descriptions of disease processes will be of tremendous value. The Peripheral CT Angiography Manual aims to make learning this intimidating technique and the diseases for which it applies simple and fun. 'Handbook of Cardiac CT' is a primer for the practical performance and interpretation of cardiovascular computed tomography. This manual serves as a companion to the textbook: 'Cardiac CT Imaging: Diagnosis of Cardiovascular Disease' and provides essential concise and practical text summary of each topic, with additional tables, algorithms, protocols and key images for orientation to and familiarization with important disease processes. This manual targets a reading audience who are in the training phase of performance and interpretation of cardiovascular CT and is designed as an easily accessible pocket reference. Covers the most recent advances in CT technique, including the use of multislice CT to diagnose chest, abdominal, and musculoskeletal abnormalities, as well as the expanded role of 3D CT and CT angiography in clinical practice. Highlights the information essential for interpreting CTs and the salient points needed to make diagnoses, and reviews how the anatomy of every body area appears on a CT scan. Offers step-by-step instructions on how to perform all current CT techniques. Provides a survey of major CT findings for a variety of common diseases, with an emphasis on those findings that help to differentiate one condition from another. The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts. 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. This publication is aimed at students and teachers involved in programmes that train medical physicists for work in diagnostic radiology. It provides, in the form of a syllabus, a comprehensive overview of the basic medical physics knowledge required for the practice of modern diagnostic radiology. This makes it particularly useful for graduate students and residents in medical physics programmes. The material presented in the publication has been endorsed by the major international organisations and is the foundation for academic and clinical courses in both diagnostic radiology physics and in emerging areas such as imaging in radiotherapy. Not since the landmark publication of Handbook of Human Intelligence in 1982 has the field of intelligence been more alive than it is today. Spurred by the new developments in this rapidly expanding field, Dr Sternberg has brought together a stellar list of contributors to provide a comprehensive, broad and deeply thematic review of intelligence that will be accessible to both scholar and student. The field of intelligence is lively on many fronts, and this volume provides full coverage on topics such as behavior-genetic models, evolutionary models, cognitive models, emotional intelligence, practical intelligence, and group difference. Handbook of Intelligence is largely expanded, covering areas such as animal and artificial intelligence, as well as human intelligence. It fully reflects important theoretical progress made since the early 1980s. This practical guide offers an accessible introduction to the principles of MRI physics. Each chapter explains the why and how behind MRI physics. Readers will understand how altering MRI parameters will have many different consequences for image quality and the speed in which images are generated. Practical topics, selected for their value to clinical practice, include progressive changes in key MRI parameters, imaging time, and signal to noise ratio. A wealth of high quality illustrations, complemented by concise text, enables readers to gain a thorough understanding of the subject without requiring prior in-depth knowledge. This publication is aimed at students and teachers involved in teaching programmes in field of medical radiation physics, and it covers the basic medical physics knowledge required in the form of a syllabus for modern radiation oncology. The information will be useful to those preparing for professional certification exams in radiation oncology, medical physics, dosimetry or radiotherapy technology. This essential guide for web site designers offers clear, concise advice on creating well designed and effective web sites and pages. Focusing on the interface and graphic design principles that underlie the best web site design, the book provides expert guidance on issues ranging from planning and organizing goals, to design strategies for a site, to the elements of individual page design. This book is for any music teacher working with elementary, middle school, and high school students in a private lesson setting. Materials for this text have been developed over 30 years of private teaching and have specifically been piloted with undergraduate and graduate music performance students at the University of Michigan, as they work to improve their teaching methods with their own private students. Strengthen family and community engagement to promote equity and increase student success! When schools, families, and communities collaborate and share responsibility for students' education, more students succeed in school. Based on 30 years of research and fieldwork, this fourth edition of a bestseller provides tools and guidelines to use to develop more effective and equitable programs of family and community engagement. Written by a team of well-known experts, this foundational text demonstrates a proven approach to implement and sustain inclusive, goal-oriented programs. Readers will find: Many examples and vignettes Rubrics and checklists for implementation of plans CD-ROM complete with slides and notes for workshop presentations The audience remains much the same as for the 1992 Handbook, namely, mathematics education researchers and other scholars conducting work in mathematics education. This group includes college and university faculty, graduate students, investigators in research and development centers, and staff members at federal, state, and local agencies that conduct and use research within the discipline of mathematics. The intent of the authors of this volume is to provide useful perspectives as well as pertinent information for conducting investigations that are informed by previous work. The Handbook should also be a useful textbook for graduate research seminars. In addition to the audience mentioned above, the present Handbook contains chapters that should be relevant to four other groups: teacher educators, curriculum developers, state and national policy makers, and test developers and others involved with assessment. Taken as a whole, the chapters reflects the mathematics education research community's willingness to accept the challenge of helping the public understand what mathematics education research is all about and what the relevance of their research findings might be for those outside their immediate community. Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. Computed Tomography for Technologists: Exam Review, Second Edition, is intended to be used as a companion to Computed Tomography for Technologists: A Comprehensive Text, Second Edition, and as a review of computed tomography on its own. This is an excellent resource for students preparing to take the advanced level certification exam offered by The American Registry of Radiologic Technologists (ARRT). Effective science teaching requires creativity, imagination, and innovation. In light of concerns about American science literacy, scientists and educators have struggled to teach this discipline more effectively. Science Teaching Reconsidered provides undergraduate science educators with a path to understanding students, accommodating their individual differences, and helping them grasp the methods--and the wonder--of science. What impact does teaching style have? How do I plan a course curriculum? How do I make lectures, classes, and laboratories more effective? How can I tell what students are thinking? Why don't they understand? This handbook provides productive approaches to these and other questions. Written by scientists who are also educators, the handbook offers suggestions for having a greater impact in the classroom and provides resources for further research. This Literacy

Activity Book covers a term's work and contains ten units of word, sentence and text level activities to enable you to plan lessons quickly and effectively. Self-assessment units help each child to check their progress and a list of high frequency words at the back help pupils to consolidate their learning. Anxiety disorders and OCD are the most common mental health problems of childhood and adolescence. This book provides a complete, step-by-step program for parents looking to alleviate their children's anxiety by changing the way they themselves respond to their children's symptoms. Computational Thinking in Education explores the relevance of computational thinking in primary and secondary education. As today's school-aged students prepare to live and work in a thoroughly digitized world, computer science is providing a wealth of new learning concepts and opportunities across domains. This book offers a comprehensive overview of computational thinking, its history, implications for equity and inclusion, analyses of competencies in practice, and integration into learning, instruction, and assessment through scaffolded teacher education. Computer science education faculty and pre- and in-service educators will find a fresh pedagogical approach to computational thinking in primary and secondary classrooms. - the perfect introduction to the physics and practice of CT and the interpretation of basic CT images- the well-structured didactic style renders learning practical and enjoyable- offers copious and overall excellent illustrations, self-assessment quizzes- Excellent value, provides a lot of information at a good price Extensively rewritten and expanded, this new second edition remains the most thorough, practical, and economical introductory guide to both the principles and the clinical applications of MRI. It offers comprehensive yet concise coverage of all aspects of MR physics and technology, plus complete discussions of clinical aspects -- all with an informal and direct writing style for ease of use. A conveniently-sized paperback, it serves triple duty as an introductory text, a day-to-day manual, and a handy reference for those new to the field of MR, as well as for those who need an update on recent developments in technology and practice. Includes more than 600 high-quality illustrations and MR scans to enhance descriptions of clinical aspects of MRI. Highlights the effects of MR physics and technology on imaging throughout -- a topic often left uncovered in most introductory MR texts. Describes normal MR appearances of organs at different pulse sequences for ease of comparison. Presents imaging strategies and protocols for each disease process, including recommended pulse sequences, use of surface coils, and MR contrast agents. 27077 Provides a comparative look at the diagnostic advantages and disadvantages of MR versus other modalities in similar situations. Offers complete coverage of MR technique and preparation, with special emphasis on the pediatric patient Discusses the role of MRI in staging tumors, assisting the reader with this often difficult process. A 65-year-old patient arrives at the Emergency Department with stroke symptoms that began 45 minutes ago. You are called STAT! Acute stroke management has changed dramatically in recent years. Tremendous advances have been made in acute treatments, diagnostic neuroimaging, and organized systems of care, and are enabling better outcomes for patients. Stroke has evolved from a largely untreatable condition in the acute phase to a true medical emergency that is potentially treatable—and sometimes curable. The Code Stroke emergency response refers to a coordinated team-based approach to stroke patient care that requires rapid and accurate assessment, diagnosis, and treatment in an effort to save the brain and minimize permanent damage. The Code Stroke Handbook contains the "essentials" of acute stroke to help clinicians provide best practice patient care. Designed to assist frontline physicians, nurses, paramedics, and medical learners at different levels of training, this book highlights clinical pearls and pitfalls, guideline recommendations, and other high-yield information not readily available in standard textbooks. It is filled with practical tips to prepare you for the next stroke emergency and reduce the anxiety you may feel when the Code Stroke pager rings. An easy-to-read, practical, clinical resource spread over 12 chapters covering the basics of code stroke consultations: history-taking, stroke mimics, neurological examination, acute stroke imaging (non-contrast CT/CT angiography/CT perfusion), and treatment (thrombolysis and endovascular therapy) Includes clinical pearls and pitfalls, neuroanatomy diagrams, and stroke syndromes, presented in an easily digestible format and book size that is convenient to carry around for quick reference when on-call at the hospital Provides foundational knowledge for medical students and residents before starting your neurology, emergency medicine, or internal medicine rotations Leveraging the organization and focus on exam preparation found in the comprehensive text, this Exam Review will help any student to successfully complete the ARRT General Radiography and Computed Tomography exams. The book includes a bulleted format review of content, Registry-style questions with answers and rationales, and a mock exam following the ARRT format. The companion website offers an online testing simulation engine. The Really Useful ICT Book is a practical and easy-to-use guide to give you all the confidence you need to use ICT really effectively inside and outside the primary classroom. It makes clear how ICT can be taught as a standalone subject, and how it can be used easily and imaginatively to enhance teaching other subjects. Jam-packed with ideas and templates to save you time, this friendly handbook offers an introduction to: using ICT inside the classroom - including interactive whiteboards, computer suites, VLEs and e-safety using ICT outside the classroom - including word processors, laptops, data loggers and digital cameras when and how to use a wide range of software and hardware - from spreadsheet packages through to digital photography, e-portfolios and software simulation using ICT in all subject areas practical suggestions for using ICT in cross-curricular topics using ICT to develop teacher and pupil creativity using ICT for assessment and in your professional role. With an emphasis on developing children's creativity and on progression from Key Stage 1 to Key Stage 2, The Really Useful ICT Book is a comprehensive compendium of advice and inspiration for all training, newly qualified and experienced teachers, as well as those in support roles in primary schools. This hugely successful cases-and-problems book is acclaimed for its textual clarity, evenhanded perspective, and contemporary, up-to-date character. Easily distinguished from other property casebooks for its clear descriptions of legal doctrine and its variations; its explanations of the social ramifications of property law; its emphasis on both statutory and regulatory interpretation; its comprehensive treatment of public accommodations and fair housing law, current tribal property issues, and property in human bodies; and its use of the problem method to teach legal reasoning and lawyering skills. Thoroughly updated to reflect significant changes in the law of property, the Seventh Edition incorporates multiple new Supreme Court cases, including: Texas Department of Housing & Community Affairs v. Inclusive Communities Project, Inc., Obergefell v. Hodges, and Reed v. Town of Gilbert, and three decided or pending cases with implications for regulatory takings, Horne v. Dep't of Agriculture, Marvin M. Brandt Revocable Trust v. United States, and Murr v. State. Ideal for radiology residents and technologists, the third edition of this concise teaching manual is the perfect introduction to performing and interpreting CT scans. Designed as a systematic learning tool, CT Teaching Manual provides clear instructions for the use of computed tomography for all organs and includes information on positioning, the use of contrast media, multi-slice scanning, CT angiography, and dose reduction. It features representative CT scans of normal and pathological findings, explanatory drawings with keyed anatomic structures, as well as an overview of the most important measurement data. Self-assessment quizzes and answers at the end of each chapter help the reader monitor progress and evaluate knowledge gained. This edition also includes 64-slice technology with sagittal and coronal MRP reconstructions, and dual-source CT.

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