

Introduction To Sectional Anatomy Workbook And Board Review Guide Point Lippincott Williams Wilkins By Michael E Madden Phd Rtr Ct Mr 2007 09 28

An ideal resource for the classroom or the clinical setting, Sectional Anatomy for Imaging Professionals, 3rd Edition provides a comprehensive, easy-to-understand approach to the sectional anatomy of the entire body. Side-by-side presentations of actual diagnostic images from both MRI and CT modalities and corresponding anatomic line drawings illustrate the planes of anatomy most commonly demonstrated by diagnostic imaging. Concise descriptions detail the location and function of the anatomy, and clearly labeled images help you confidently identify anatomic structures during clinical examinations and produce the best possible diagnostic images. Side-by-side presentation of anatomy illustrations and corresponding CT and MRI images clarifies the location and structure of sectional anatomy. More than 1,500 high-quality images detail sectional anatomy for every body plane commonly imaged in the clinical setting. Pathology boxes help you connect commonly encountered pathologies to related anatomy for greater diagnostic accuracy. Anatomy summary tables provide quick access to muscle information, points of origin and insertion, and muscle function for each muscle group. Reference drawings and corresponding scanning planes accompany actual images to help you recognize the correlation between the two. NEW! 150 new scans and 30 new line drawings familiarize you with the latest 3D and vascular imaging technology. NEW! Chapter objectives help you concentrate on the most important chapter content and study more efficiently. NEW! Full labels on all scans provide greater diagnostic detail at a glance.

Atlas of Clinical Imaging and Anatomy of the Equine Head presents a clear and complete view of the complex anatomy of the equine head using cross-sectional imaging. Provides a comprehensive comparative atlas to structures of the equine head Pairs gross anatomy with radiographs, CT, and MRI images Presents an image-based reference for understanding anatomy and pathology Covers radiography, computed tomography, and magnetic resonance imaging Updated to reflect the newest curriculum standards, Textbook of Diagnostic Sonography, 8th Edition provides you with the pertinent information needed for passing the boards. This highly respected text enhances your understanding of general/abdominal and obstetric/gynecologic sonography, the two primary divisions of sonography, as well as vascular sonography and echocardiography. Each chapter covers patient history; normal anatomy, including cross-sectional anatomy; sonography techniques; pathology; and related laboratory findings. And more than 3,100 images and anatomy drawings guide you in recognizing normal anatomy and abnormal pathology. Full-color presentation, including color scans of gross pathology photos, where appropriate, enhances your learning experience and the teaching value of the text. Pathology tables give you quick access to clinical findings, laboratory findings, sonography findings, and differential considerations. Pedagogy, including chapter objectives and outlines, alerts you to the important information you will learn in each chapter. Evolve site includes PowerPoint slides, an image bank, review questions and a workbook answer key for students, and a test bank for faculty to aid in the reinforcement and teaching of sonography skills. Sonography Findings, highlighted with icon and special type, call attention to key clinical information. NEW! Full coverage of general/abdominal, transplantation, superficial structures, pediatrics, fetal heart, and obstetric/gynecologic sonography, along with several new chapters on vascular sonography, hemodynamics, and introduction to echocardiography, provides you with the information needed to pass the boards and succeed in clinicals. UPDATED! Content reflects the newest curriculum standards so you have the information you need to pass the boards. NEW! Updated images depict the latest advances in the field of sonography and help you prepare for the boards and clinicals. NEW! Key words in chapter openers focus your attention on the terms that you are required to know and understand. NEW! Bulleted summary lists at the end of each chapter reinforce important concepts. NEW! A condensed bibliography at the end of the book lists essential references and guides you in the direction to obtain more information in a given area.

Featuring full color cross-sectional images from The Visible Human Project, this new atlas is co-authored by a radiologist and includes orientation drawings with corresponding MRIs and CTs. Thus students can understand the relationship between anatomy and how it is represented in these imaging modalities. The text includes 100 full color tissue images, 200 line drawings, and 200 magnetic resonance and computed tomography images. Images are labeled with numbers; the key is on a separate two-page spread to facilitate self-testing.

With CT and MR Images

Pocket Atlas of Body Sections, CT and MRI Images, Third Edition

Human Sectional Anatomy

A Systematic Approach to CT Reading

Pocket atlas of body sections, CT and MRI images, Fourth edition

Review important sonography learnings with Curry and Prince's Workbook for Sonography: Introduction to Normal Structure and Function, 5th Edition. This well-constructed review tool supports and completes the main text by providing an excellent introduction to sonography while preparing users to accurately identify sonographic pathology and abnormalities. Each workbook chapter opens with review questions on material from the corresponding chapter in the main text. Review questions are followed by drawings from the text – with parallel sonograms where appropriate – that include leader lines to label structures, but not the labels themselves. Workbook users will fill in the labels to identify structures in the drawings and sonograms, reinforcing visual and auditory learning from the text. Answers can be looked up in both the workbook appendix and by comparing the workbook figures to the labeled figures in the main text. Unlabeled line drawings and

images from every chapter provide reinforcement of what you should be noticing on the scan. Direct correlation with each chapter from the main text enables immediate, thorough review of material. Review questions test your knowledge of the information learned in the text. NEW! Chapter on musculoskeletal sonography covers the latest use of ultrasound technology to visualize muscle, tendon, and ligament anatomy. NEW! Chapter devoted to pediatric sonography introduces you to the knowledge needed to work in this nascent specialty. NEW! Coverage of 5D technology familiarizes you with automated volume scanning. NEW! Updated content reflects the latest ARDMS standards and AIUM guidelines. NEW! Updated line drawings accompany new sonograms.

An ideal resource for the classroom or clinical setting, Sectional Anatomy for Imaging Professionals, 4th Edition provides a comprehensive, and highly visual approach to the sectional anatomy of the entire body. Side-by-side presentations of actual diagnostic images from both MRI and CT modalities and corresponding anatomic line drawings illustrate the planes of anatomy most commonly demonstrated by diagnostic imaging. Easy-to-follow descriptions detail the location and function of the anatomy, while clearly labeled images help you confidently identify anatomic structures during clinical examinations. In all, it's the one reference you need to consistently produce the best possible diagnostic images. Side-by-side presentation of anatomy illustrations and corresponding CT and MRI images clarifies the location and structure of sectional anatomy. More than 1,500 high-quality images and detailed line drawings demonstrate sectional anatomy for every body plane commonly imaged in the clinical setting. Updated summary tables are used to simplify and organize key information in each chapter. CT or MR images of special interest are featured on the opening page in each chapter to pique readers' interest in the area about to be covered in the text. Reference drawings and corresponding scanning planes appear on appropriate pages with the actual images, so they are easily referenced for correlation between the scanning planes and the resulting images. Introductory chapter lays a foundation of the terminology that is related to sectional anatomy. NEW! Updated content reflects the latest ARRT and ASRT curriculum guidelines. NEW! Additional lymphatic system images give readers a better picture of this nuanced body system. NEW! Additional pathology boxes help readers connect commonly encountered pathologies to related anatomy for greater diagnostic accuracy. NEW! Updated line art familiarizes readers with the latest 3D and vascular imaging technology. NEW! 2-color design makes difficult content easier to digest.

MRI in Practice continues to be the number one reference book and study guide for the registry review examination for MRI offered by the American Registry for Radiologic Technologists (ARRT). This latest edition offers in-depth chapters covering all core areas, including: basic principles, image weighting and contrast, spin and gradient echo pulse sequences, spatial encoding, k-space, protocol optimization, artefacts, instrumentation, and MRI safety. The leading MRI reference book and study guide. Now with a greater focus on the physics behind MRI. Offers, for the first time, equations and their explanations and scan tips. Brand new chapters on MRI equipment, vascular imaging and safety. Presented in full color, with additional illustrations and high-quality MRI images to aid understanding. Includes refined, updated and expanded content throughout, along with more learning tips and practical applications. Features a new glossary. MRI in Practice is an important text for radiographers, technologists, radiology residents, radiologists, and other students and professionals working within imaging, including medical physicists and nurses.

Introduction to Sectional Anatomy Workbook and Board Review Guide

Cross-sectional Human Anatomy

Madden Introduction to Sectional Anatomy, 3rd Ed. + Workbook + Diagnostic Medical Sonography, 3rd Ed. + Diagnostic Medical Sonography

Sectional Anatomy

Surface, Three-Dimensional Sectional Anatomy with MRI, and Blood Supply

Textbook of Diagnostic Sonography - E-Book

The clinical acceptance of computed anatomic cross-sections. Schematic line tomography (CT) as an integral part of our drawings are also generously used to illustrate particularly complex anatomic regions and help the reader obtain a correct with near anatomic precision. However, perspective on these more difficult regions. The radiologist must first be knowledgeable. The book successfully presents a clear perspective of the complexities of normal anatomy we see daily in fore he can truly make full use of this tech using cross-sectional imaging techniques. This book will prove useful as a learning guide for the uninitiated, and as a reference for radiologists easier. As noted in the preface, the book carefully correlates the way, it is an important contribution to our representative CT slices with corresponding literature. Elliot K. Fishman, M.D.

The first work of its kind devoted to the surgical anatomy of the cervical plexus, Surgical Anatomy of the Cervical Plexus and Its Branches clearly explains and illustrates this important subset of peripheral nervous system anatomy. Ideal for physicians and residents from a wide range of medical and surgical disciplines, this unique title details new methods of imaging the cervical plexus, as well as its pathology and appropriate surgical approaches.

Demonstrates the surgical anatomy of each branch of the cervical plexus using fresh cadaveric dissections. Color-codes nerves to differentiate them from other tissues and dissects them in a layer-by-layer manner. Compiles the knowledge and expertise of renowned clinical anatomists and researchers in this key area of surgical anatomy.

*Atlas of Human Cross-Sectional Anatomy Third Edition Donald R. Cahill, Ph.D., Matthew J. Orland, M.D., and Gary M. Miller, M.D. Since its first publication a decade ago, Atlas of Human Cross-Sectional Anatomy has become a standard reference for the interpretation of sectional images obtained with either computed tomography or magnetic resonance imaging. Now, this Third Edition has been substantially expanded and updated, offering entirely new sections on the major joints, as well as dozens of new images of the head obtained with the latest MR technology. This atlas presents detailed illustrations of anatomical cross-sections-- meticulously drawn and labeled-- that are matched with high-quality CT or MR images or actual photographs of cadaver sections. Orientation diagrams appear on the corner of every page and show precisely where the slice was taken as well as the direction from which the slice is being viewed. The book covers the entire body, featuring: * Transverse sections of the thorax, abdomen, and male and female pelvis * Multiple views of the limbs * Sagittal, coronal, and angled orbitomeatal views of the head and neck * The spine in sagittal and axial planes * The knee and shoulder shown both coronally and sagittally Revised to reflect emerging trends in the medical imaging field as well as the latest advances in technology, Atlas of Human Cross-Sectional Anatomy, Third Edition is an important resource for anatomists, radiologists, and all practitioners who utilize CT or MR images. From reviews of the Second Edition: "Overall, the images are of a high quality in a field (particularly MRI) which is evolving continuously."-- European Journal of Nuclear Medicine "Highly recommended for advanced undergraduate and graduate students of anatomy and for all medical libraries."-- Choice "The large, lucid pictures have labels that are extremely well done. The authors have skillfully used sufficient labels to identify all*

important structures yet few enough to avoid confusion and clutter."-- Mayo Clinic Proceedings "Overall, this is an excellent atlas, a useful resource for the general radiologist and resident in training."-- Radiology

Gain a complete understanding of sonography physics and instrumentation related to clinical practice. Technology for Diagnostic Sonography provides clear, in-depth coverage of physics principles, ultrasound transducers, pulse echo instrumentation, Doppler instrumentation, clinical safety, and quality control. It includes the latest information on real-time imaging techniques, plus a comprehensive discussion of image artifacts. With wide-ranging online review questions, it also offers ample opportunities to assess your learning progress. Written by sonography and testing expert Wayne Hedrick, Technology for Diagnostic Sonography simplifies this difficult topic and allows you to demonstrate your knowledge of physics and instrumentation on exams with the ultimate goal of preparing you for success in clinical practice. A focus on essential physics and instrumentation provides the exact technical content you need to prepare for clinical sonography practice. Accessible, conversational writing style with real-world analogies explains physics concepts and makes this difficult topic less intimidating. Examples and sample problems help you make the connection between theory and practical applications. The latest information on equipment and scanning methods ensures an understanding of how to competently and safely use ultrasound instrumentation.

Comprehensive discussion of image artifacts with illustrative examples helps you recognize and eliminate artifacts. Detailed description of performance testing with tissue mimicking phantoms allows assessment of the proper operation of B-mode scanners. Practical guidance on the clinical use of mechanical index and thermal index enables practice of the ALARA principle when scanning patients. Full-color format shows scans as they appear in the clinical setting. Key terms and other learner-friendly features focus your study on important information. Summaries of essential principles and equations reinforce the most important concepts. Extensive review questions on a companion Evolve website allow realistic assessment of your knowledge.

Anatomy & Physiology

CT Anatomy for Radiotherapy

The Human Brain

Introduction to Sectional Anatomy

Introduction to Sectional Anatomy Text + Workbook Board Review Package

Introduction to Sectional Anatomy Workbook and Board Review Guide helps you better understand the principles of sectional anatomy. When used in conjunction with its corresponding text, this workbook reinforces key concepts covered in Introduction to Sectional Anatomy and contains a variety of exercises and tools that make it easy for you to remember essential information and build critical-thinking skills. This resource is also designed to thoroughly prepare you for the CT and MR registry examinations.

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.

First published in 1991, Human Sectional Anatomy set new standards for the quality of cadaver sections and accompanying radiological images. Now in its third edition, this unsurpassed quality remains and is further enhanced by some useful new material. As with the previous editions, the superb full-colour cadaver sections are compared with CT and MRI images, with accompanying, labelled line diagrams. Many of the radiological images have been replaced with new examples, taken on the most up-to-date equipment to ensure excellent visualisation of the anatomy. Completely new page spreads have been added to improve the book's coverage, including images taken using multidetector CT technology, and some beautiful 3D volume rendered CT images. The photographic material is enhanced by useful notes, extended for the third edition, with details of important anatomical and radiological features.

Imaging Atlas of Human Anatomy, 4th Edition provides a solid foundation for understanding human anatomy. Jamie Weir, Peter Abrahams, Jonathan D. Spratt, and Lonie Salkowski offer a complete and 3-dimensional view of the structures and relationships within the body through a variety of imaging modalities. Over 60% new images—showing cross-sectional views in CT and MRI, nuclear medicine imaging, and more—along with revised legends and labels ensure that you have the best and most up-to-date visual resource. This atlas will widen your applied and clinical knowledge of human anatomy. Features orientation drawings that support your understanding of different views and orientations in images with tables of ossification dates for bone development. Presents the images with number labeling to keep them clean and help with self-testing. Features completely revised legends and labels and over 60% new images—cross-sectional views in CT and MRI, angiography, ultrasound, fetal anatomy, plain film anatomy, nuclear medicine imaging, and more—with better resolution for the most current anatomical views. Reflects current radiological and anatomical practice through reorganized chapters on the abdomen and pelvis, including a new chapter on cross-sectional imaging. Covers a variety of common and up-to-date modern imaging—including a completely new section on Nuclear Medicine—for a view of living anatomical structures that enhance your artwork and dissection-based comprehension. Includes stills of 3-D images to provide a visual understanding of moving images.

Introduction to Sectional Anatomy 3e Text, Workbook & Board Review Guide Package

A Self-Study Guide with Selected Sections from Head, Neck, Thorax, Abdomen, and Pelvis
Clinical Anatomy by Systems

Workbook and Lab Manual for Sonography - E-Book

Imaging Atlas of Human Anatomy E-Book

Serial sections - 2 mm thick - of the cerebral hemispheres and diencephalon in the coronal, sagittal, and horizontal planes. So as to point out the level of the sections more accurately, each is shown from different angles -- emphasizing the surrounding hemisphere surfaces. This 3D approach has proven to be extremely useful when apprehending the difficult anatomy of the gyri and sulci of the brain. Certain complex cerebral structures such as the occipital lobe, the deep grey matter and the vascularization are studied here in greater detail. This second edition has been completely revised and updated, 44 serial sections have been added, while old MRI figures have been replaced by newer ones.

This workbook uses an integrated approach to learning sectional anatomy and applying it to diagnostic imaging. It facilitates comprehension, learning, and retention of the material presented in Kelley's Sectional Anatomy for Imaging Professionals, 3rd Edition. In addition to fill-in-the-blank, matching, multiple-choice, true/false, puzzles, fill-in-the-table, and short-answer questions, this new edition includes 300 illustrations from the main text for labeling practice. Three post tests cover neurologic, body, and extremity content, offering additional opportunities for readers to test their comprehension. Chapter objectives focus your attention on the important concepts you are expected to master by the end of the chapter. A variety of engaging exercises, such as matching, true/false, fill-in-the-blank, fill-in-the-table, and labeling aid your learning and retention. Memory learning aids, such as mnemonics, help you memorize quickly so you can concentrate more on applications of concepts. Updated material corresponds with updates to the main text. More cross-reference images and anatomy maps have been added for additional guidance in labeling exercises. Additional exercises reinforce the relationship of specific structures to surrounding anatomy.

Using images and anatomic illustrations, Rad Tech's Guide to MRI: Imaging Procedures, Patient Care, and Safety provides the reader with a quick overview of MRI for quick reference and examination preparation. As part of the Rad Tech's Guide Series, this volume features an overview of anatomy, imaging tips, scanning procedures, and the latest information on protocols--all in the context of patient care and safety. Each book in the Rad Tech's Guide Series covers the essential basics for those preparing for their certifying examinations and those already in practice.

This package contains the following products: 9781609139612 Madden Introduction to Sectional Anatomy, 3e
9781609139629 Madden Introduction to Sectional Anatomy Workbook and Board Review Guide, 3e

Fundamentals of Sectional Anatomy: An Imaging Approach
Workbook for Sectional Anatomy for Imaging Professionals
Atlas of Clinical Imaging and Anatomy of the Equine Head
Introduction to Sectional Anatomy + Clinical Sonography
A Practical Approach

Included CD-ROM contains clinical notes, information on congenital anomalies, radiographic anatomy, and clinical problem solving exercises, all of which correlate directly with the text.

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 reconstruction and dual-source CT.

This convenient, money-saving package is a must-have for students training for a career in Radiologic Technology. It includes the Sectional Anatomy for Imaging Professionals, 2e text and accompanying workbook by Lorrie Kelley.

This spectacular cross-sectional atlas provides a roadmap of normal sonographic anatomy of the musculoskeletal system. It features optimized images that emphasize spatial relationships and three-dimensional orientation. The book is designed to help novices acquire pattern recognition skills to resolve images into their anatomic components by pairing ultrasound scans with cross-sectional drawings. It will enhance familiarity with musculoskeletal anatomy as it appears on ultrasound imaging for practitioners at any level. Using a sectioned approach, the authors present a visual baseline for evaluating tendon, muscle, ligament, and nerve problems in the upper extremity, lower extremity, and cervical regions. Multiple high resolution views of each structure are accompanied by original illustrations that document the structures in the sonograph and serve as a reference to decipher the image and foster understanding of anatomic relationships and ultrasound appearances. This is an indispensable tool for clinicians learning diagnostic ultrasound, as they can use the anatomical images for comparison with their own scans. For the seasoned practitioner, the organized format with high-resolution examples makes this an essential reference for confirming exam findings. Key Features: Orients users to anatomical relationships best seen in a section and necessary to effective utilization of diagnostic ultrasound Over 150 ultrasound images cover musculoskeletal anatomy from the shoulder to the foot Each ultrasound image has a correlative drawing in cross-sectional or regional view with the scanned area depicted within a highlighted frame to enhance understanding of the scanned anatomy. Each image is accompanied by a body icon illustrating the level of the scan for each region Brief text points and legends emphasize key features and landmarks and offer technical tips for obtaining and interpreting scans.

Introduction to Sectional Anatomy Workbook and Board Review Guide

MRI in Practice

Sectional Anatomy Review

Atlas of Functional Anatomy for Regional Anesthesia and Pain Medicine

Atlas of Comparative Sectional Anatomy of 6 invertebrates and 5 vertebrates

This is the first atlas to depict in high-resolution images the fine structure of the spinal canal, the nervous plexuses, and the peripheral nerves in relation to clinical practice. The Atlas of Functional Anatomy for Regional Anesthesia and Pain Medicine contains more than 1500 images of unsurpassed quality, most of which have never been published, including scanning electron microscopy images of neuronal ultrastructures, macroscopic sectional anatomy, and three-dimensional images reconstructed from patient imaging studies. Each chapter begins with a short introduction on the covered subject but then allows the images to embody the rest of the work; detailed text accompanies figures to guide readers through anatomy, providing evidence-based, clinically relevant information. Beyond clinically relevant anatomy, the book features regional anesthesia equipment (needles, catheters, surgical gloves) and overview of some cutting edge research instruments (e.g. scanning electron microscopy and transmission electron microscopy). Of interest to regional anesthesiologists, interventional pain physicians, and surgeons, this compendium is meant to complement texts that do not have this type of graphic material in the subjects of regional anesthesia, interventional pain management, and surgical techniques of the spine or peripheral nerves.

Featuring all the latest imaging modalities—including ultrasound, MR, and PET/CT—this Second Edition text provides a solid understanding of sectional anatomy and its applications in clinical imaging. Chapters on each body region include patient CT and MR images shown in sequence through multiple planes, followed by clinical cases centered on CT, MR, ultrasound, and PET/CT images. By comparing images from different patients, readers learn to distinguish normal anatomic variations from variations that indicate disease or injury. This edition includes new clinical cases and has a new layout that makes it easier to compare images from several patients. Each chapter ends with clinical application questions.

This workbook and board review guide reinforces key concepts covered in Introduction to Sectional Anatomy, Second Edition, and is also designed to thoroughly prepare you for the CT and MR registry examinations. The workbook contains multiple-choice questions that follow the format used on CT and MR registry examinations, plus case studies and clinical application exercises to build critical thinking skills. In this Second Edition, cases have been expanded to include ultrasound images and the latest imaging technology, including 3D and PET/CT.

First published in 1991, Human Sectional Anatomy set new standards for the quality of cadaver sections and accompanying radiological images. Now in its fourth edition, this unsurpassed quality remains and is further enhanced by the addition of new material. The superb full-colour cadaver sections are compared with CT and MRI images, with accompanying, labelled, line diagrams. Many of the radiological images have been replaced with new examples for this latest edition, captured using the most up-to date imaging technologies to ensure excellent visualization of the anatomy. The photographic material is enhanced by useful notes with details of important anatomical and radiological features. Beautifully presented in a convenient and portable format, the fourth edition of this popular pocket atlas continues to be an essential textbook for medical and allied health students and those taking postgraduate qualifications in radiology, surgery and medicine, and an invaluable ready-reference for all practising anatomists, radiologists, radiographers, surgeons and medics.

Moore's Clinically Oriented Anatomy

Cross-Sectional Anatomy for Computed Tomography

Human Structure, Ultrastructure and 3D Reconstruction Images

Surgical Anatomy of the Cervical Plexus and its Branches - E- Book

Atlas of Human Cross-Sectional Anatomy

The knowledge of anatomy is an integral part of all the imaging modalities including ultrasound. Understanding the location of various structures in the body, their anatomical relationship with one another and their normal ultrasonic appearances is very important in analyzing and interpreting the images. This book attempts to explain the same, with reference to the landmarks which help in locating and identifying organs. At the outset of each chapter, the anatomy, scanning technique and normal appearance (in terms of relative echogenicity) are explained. This is followed by the ultrasound images in various planes. The images are accompanied by labeled colour diagrams and the relative proportions. This review book will serve both as a workbook for the students using the Introduction to Sectional Anatomy textbook and also as a self-question-and-answer resource for the American Society of Radiologic Technologists' CT and MRI examinations.

The second edition of Fundamentals of Sectional Anatomy: An Imaging Approach is the ideal introductory text for new radiography students preparing for the CT and MRI exams, or anyone interested in learning about human anatomy. Chapters address the fundamental anatomy, starting at the vertex of the skull and descending to the symphysis pubis, with additional in-depth coverage of the vertical column of the upper and lower extremities, and separate chapters on the facial bones and sinuses. This systematic approach to the organization provides students with the most complete presentation and realistic exposure to sectional anatomy available. Numerous line drawings and sets of fully labeled images complement each section of the text to strengthen the learning experience, while end-of-chapter summaries and questions challenge readers to assess their understanding of important topics. Building upon its reputation for an uncluttered presentation of labeled images, this new edition presents more than 200 new MR images, dozens of CT images, and new complex illustrations—transporting this fascinating book into the modern age of radiography. Important Notice: Media content referenced within the product description or the promotional text for this product may not be available in the ebook version.

Renowned for its comprehensive coverage and engaging, storytelling approach, the bestselling Moore's Clinically Oriented Anatomy, 9th Edition, guides students from initial anatomy and foundational science courses through clinical training and practice. A popular resource for a variety of programs, this proven text serves as a complete reference, emphasizing anatomy that is important in physical diagnosis for primary care, of diagnostic imaging, and understanding the anatomical basis of emergency medicine and general surgery. The 9th Edition reflects the latest advances in the clinical application of anatomy as well as preparation for the USMLE while maintaining the highest standards for scientific and clinical accuracy.

CT Teaching Manual

Musculoskeletal Ultrasound Cross-Sectional Anatomy

Ultrasound Anatomy and Normal Appearances

Imaging Procedures, Patient Care, and Safety

Rad Tech's Guide to MRI

This new learning resource makes it easy for readers to learn, identify, and recall anatomic structures in cross-section. All body part chapters include an anatomical overview that reviews the relationship between the structures of that region. Sectional anatomy is described through the use of labeled computed tomography (CT) and magnetic resonance (MR) images. The three-way structure presentation--anatomical scanograms; patient scans (MRs and/or CTs); and adjacent correlating line drawings--enables readers to identify anatomy on actual images. Each chapter includes objectives, key terms, and review questions, with answers in separate appendices. Pathology case studies illustrate the clinical significance of sectional images.

This package contains the following products: 9781608311170 Stephenson Diagnostic Medical Sonography, 3e 9781608313501 Kupinski Diagnostic Medical Sonography 9781609139612 Madden Introduction to Sectional Anatomy, 3e 9781609139629 Madden Introduction to Sectional Anatomy Workbook and Board Review, 3e

*This atlas contains 189 coloured images taken from transversal, horizontal and sagittal sections of eleven organisms widely used in university teaching. Six invertebrate and five vertebrate species – from the nematode worm (*Ascaris suum*) to mammals (*Rattus norvegicus*) – are shown in detailed images. Studying the macrosections with unaided eyes, with a simple magnifier or binocular microscope might be of great help to accomplish traditional anatomical studies and to establish a certain spatial experience/space perception. This volume will be of great interest for biology students, researchers and teachers of comparative anatomy. It might act as supporting material of practical courses. Furthermore, medical practitioners, agricultural specialists and researchers having an interest in comparative anatomy might also benefit from it.*

This package contains the following products: 9780781748698 Sanders Clinical Sonography, 4e 9780781769761 Madden Introduction to Sectional Anatomy Workbook and Board, 2e

Exam Review

Sectional Anatomy for Imaging Professionals - E-Book

The Sectional Anatomy Learning System: Applications

Essentials of Radiologic Science + Workbook + Patient Care in Imaging Technology, 8th Ed. + Introduction to Sectional Anatomy, 3rd Ed. + Workbook and Board Review Guide, 3rd Ed.

Computed Tomography for Technologists