Atlas Of Human Cross Sectional Anatomy With Ct And Mr Images

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Atlas of Regional Anatomy of the Brain Using MRI - Jean C. Tamraz 2006-02-08
A unique review of the essential topographical anatomy of the brain from an MRI perspective, correlating high-quality anatomical plates with high-resolution MRI images. The book includes a historical review of brain mapping and an analysis of the essential reference planes used. It provides a detailed review of the sulcal and the gyral anatomy of the human cortex, guiding readers through an interpretation of the individual brain atlas provided by high-resolution

MRI. The relationship between brain structure and function is approached in a topographical fashion with an analysis of the necessary imaging methodology and displayed anatomy. An extensive coronal atlas rounds off the book.

Atlas of Functional Anatomy for Regional Anesthesia and Pain Medicine - Miguel Angel Reina 2014-11-26

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.

Cross-sectional Anatomy of Acupoints - Eachou Chen 1995

This book is a two colour atlas that gives precise guidance to the acupuncturist on 378

acupuncture points, using detailed illustrations showing human anatomy and point location in cross-section. Coverage of 378 points makes it the most comprehensive atlas available, covering 147 points more than the nearest competitor. For each point the accompanying text gives the reader: the point location - in terms of superficialanatomy operational method - finding the point on the patient the needle and moxibustion method (technique and expected response) the cross-sectional anatomy of the needle passage functions or actions of each point a wide range of clinical indications for the use of a particular point warnings, where appropriate, on location and needle techniques at a point This is a very practical basic atlas that will aid needling and enhance general skill. It can be used as a 'refresher' atlas for the busy practitioner, or as an excellent and thorough textbook. Chinese knowledge matched with a western practitioner's perspective makes the text particularly accessible. Features: * Gives the reader access to an exceptionally wide range and large number of points to enhance their everyd

Atlas of Morphology and Functional Anatomy of the Brain - T. Scarabino 2006-01-16

The recent advances in neuroimaging techniques, particularly magnetic re- nance (MR), have greatly improved our knowledge of brain anatomy and related brain function. Morphological and functional investigations of the brain using high-definition MR have made detailed study of the brain possible and provided new data on anatomo-functional correlations. These studies have fuelled the interest in central nervous system imaging by clinicians (n- roradiologists, neurosurgeons, neurologists, neurophysiologists, and psych-trists) as well as biophysicists and bioengineers, who are at work on new and ever more sophisticated acquisition and processing techniques to continue to improve the

potential of brain imaging methods. The possibility of obtaining high-definition MR images using a 3.0-T m- net prompted us, despite the broad existing literature, to conceive an atlas illustrating in a simple and effective way the anatomy of the brain and correl- ed functions. Following an introductory chapter by Prof. Pierre Rabischong, the atlas is divided into a morphological and a functional imaging section. The morphological atlas includes 3D surface images, axial, coronal, and sagittal scans acquired with high-definition T2 fast spin echo (FSE) sequences, and standard and inverted-contrast images. The MR scans are shown side by side with the corresponding anatomical brain sections, provided by Prof. Henri Duvernoy, for more effective comparison. The anatomical nomenclature adopted for both the MR and the anatomical images is listed in an jacket flap for easier consultation.

Atlas of Human Anatomy in Cross Section - 2004

Basic Atlas of Sectional Anatomy with Correlated Imaging - Walter J. Bo 1998

Presents over two hundred cross, saggital, and coronal section diagrams of human anatomy using CT, MRI, and ultrasound images.

Atlas of Human Cross-sectional Anatomy - Donald R. Cahill 1990

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 pelves 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

Cross Sectional Anatomy CT and MRI - Govind Chavhan 2014-05-14

Doody Rating: 4 stars: This is the 1st edition of the book Cross Sectional Anatomy CT and MRI. The text is comprehensive, updated as per the present day requirements in the subject of radiology. The book has 19 chapters. Each chapter has CT and MRI images in three planes. These images are accompanied by colour diagrams for better

understanding of anatomy. Different structures are labelled on these colour images. CT and MRI images of angiography are also included in the book. The first chapter deals with brain. Next 18 chapters deal with different regions of body namely skull, orbit, para nasal sinuses, temporomandibular joint, neck, spine, chest, abdomen, pelvis, shoulder, upper limb, lower limb and blood vessels of upper and lower limbs. A comprehensive index is given at last.

Atlas of Human Cross-Sectional Anatomy - Donald R. Cahill 1995-09-15

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 pelves * 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

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Sectional Anatomy by MRI and CT E-Book - Mark W. Anderson 2016-01-22

The highly anticipated 4th edition of this classic reference is even more relevant and accessible for daily practice. A sure grasp of cross sectional anatomy is essential for accurate radiologic interpretation, and this atlas provides exactly the information needed in a practical, quick reference format. Color-coded labels for nerves, vessels, muscles, bone tendons, and ligaments facilitate accurate identification of key anatomic structures. Carefully labeled MRIs for all body parts, as well as schematic diagrams and concise statements, clarify correlations between bones and tissues. CT scans for selected body parts enhance anatomic visualization. More than 2,300 state-of-the-art images can be viewed in three standard planes: axial, coronal, and sagittal.

Human Sectional Anatomy - Adrian Kendal Dixon 2017-10-17

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.

Weir & Abrahams' Imaging Atlas of Human Anatomy - Jonathan D. Spratt 2020-06-15

HUMAN CROSS-SECTIONAL(0750633670) - Harold Ellis 1991-09-09
This title comprises colour illustrations of actual anatomical cross-sections (produced using a new technique developed in the Department of Anatomy at the University of Cambridge) and high-quality CT scans from the latest generation of CT machines. Keys to the anatomical features and brief clinical notes are also included, allowing easy comparison between images and actual cross sections through the body.

The Visible Human Body - Gunther von Hagens 1991

Cross-sectional Human Anatomy - David Dean 2000
Featuring full color cross-sectional images from The Visible Human Pro ject, this new atlas is co-authored by a radiologist and includes orie ntation drawings with

corresponding MRIs and CTs. Thus students can un derstand the relationship between anatomy and how it is represented in these imaging modalities. The text includes 100 full color tissue ima ges, 200 line drawings, and 200 magnetic resonance and computed tomogr aphy images. Images are labeled with numbers; the key is on a separate two-page spread to facilitate self-testing.

Atlas of the Human Body - Branislav Vidic 2017-03-10

Atlas of Human Body: Central Nervous System and Vascularization is a multidisciplinary approach to the technical coverage of anatomical structures and relationships. It contains surface and 3D dissection images, native and colored cross sectional views made in different planes, MRI comparisons, demonstrations of cranial nerve origins, distribution of blood vessels by dissection, and systematic presentation of arterial distribution from the precapillary level, using the methyl metacrylate injection and subsequent tissue digestion method. Included throughout are late prenatal (fetal) and early postnatal images to contribute to a better understanding of structure/relationship specificity of differentiation at various developmental intervals (conduits, organs, somatic, or branchial derivatives). Each chapter features clinical correlations providing a unique perspective of side-by side comparisons of dissection images, magnetic resonance imaging and computed tomography. Created after many years of professional and scientific cooperation between the authors and their parent institutions, this important resource will serve researchers, students, and doctors in their professional work. Contains over 700 color photos of ideal anatomical preparations and sections of each part of the body that have been prepared, recorded, and processed by the authors Covers existing gaps including

developmental and prenatal periods, detailed vascular anatomy, and neuro anatomy Features a comprehensive alphabetical index of structures for ease of use Features a companion website which contains access to all images within the book

Imaging Atlas of Human Anatomy - Jamie Weir 2011

This definitive atlas views normal anatomy through the complete range of imaging modalities.

Sectional Anatomy for Imaging Professionals - E-Book - Lorrie L. Kelley 2013-08-07

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.

Human Sectional Anatomy: Atlas of Body Sections, CT and MRI Images, Third Edition - Harold Ellis 2007-10-26

Cross-Sectional Anatomy for Computed Tomography - Michael L. Farkas 2012-12-06

The clinical acceptance of computed anatomic cross-sections. Schematic line tomography (CT) as an integral part of our drawings are also generously used to il diagnostic armamentarium was based on its lustrate particularly complex anatomic re ability to display cross-sectional anatomy gions 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 per of the complexities of normal anatomy be spective on the anatomy we see daily in fore he can truly make full use of this tech using cross-sectional imaging techniques. nology. This book will prove useful as a learning Michael Farkas has truly made our task guide for the uninitiated, and as a refer as radiologists easier. As noted in the ence for the more experienced. Either preface, the book carefully correlates rep way, it is an important contribution to our resentative CT slices with corresponding literature. Elliot K. Fishman, M.D.

Sectional Anatomy by MRI/CT - Georges Y. El-Khoury 1990

Musculoskeletal Ultrasound Cross-Sectional Anatomy - John C. Cianca, MD 2017-10-08

This spectacular cross-sectional atlas provides a roadmap of normal sonographic anatomy of the musculoskeletal system with 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. The atlas is an indispensable tool for clinicians learning diagnostic ultrasound, as they can use the anatomical images for comparisons 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 cross 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 format 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.

Atlas of Human Anatomy in Cross Section - 1999

This online textbook provides a colour atlas of sectional anatomy in the axial plane for health care providers. It is part

of the Virtual Hospital, a digital health sciences library created in 1992 at the University of Iowa to help meet the information needs of health care providers and patients.
Video 3D Atlas of Human Anatomy in Cross Section - V. M. Spitzer 1993-09-01

Imaging Atlas of Human Anatomy E-Book - Jonathan D. Spratt 2010-03-02
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.

Cross-Sectional Atlas of the Human Head - Jin Seo Park 2018-01-02

This superb color atlas sets a new standard in neuroanatomy by presenting around 300 detailed thin-sectioned images of the human head, including the brain, with 0.1-mm intervals and a pixel size of 0.1 mm × 0.1 mm. A new reference system employed for this purpose is clearly explained, and structures are fully annotated in the horizontal, coronal, and sagittal planes. Recent advances in 7T MRI and 7T TDI have considerably enhanced imaging of the human brain, thereby impacting on both neuroscience research and clinical practice. Moreover, the information gained from initiatives involving photography of thin slices of human cadavers, such as the Visible Human Projects, Visible Korean and Chinese Visible Human, has enriched knowledge of neuroanatomy and thereby facilitated the interpretation of such ultra-high-field resolution images. The exquisite images contained within this atlas will be invaluable in providing both researchers and clinicians with important new insights.

Atlas of Human Cross-sectional Anatomy - R. Cahill 1995

Anatomy - Carmine D. Clemente 2007

The Fifth Edition of Clemente's Anatomy features over 1,000 bright, realistically detailed full-color illustrations, plus a wealth of accompanying diagnostic images and numerous muscle tables. This classically organized regional atlas is based on the strikingly colorful yet realistic illustrations of the world-renowned Sobotta Atlas of Human Anatomy. This edition includes 68 new plates and 45 new clinical images, including cross-sectional CT scans. Of special note are 12 new cranial nerve plates and new diagrammatic drawings that help students learn the

anatomy of the cranial nerves. This edition's numbering system has been improved to correlate figures more clearly with plates.

Atlas of Human Anatomy in Cross Section - Ronald Arly Bergman 1991-01-01

An Atlas of Forearm and Hand Cross-sectional Anatomy - Roy A. Meals 1991

Color Atlas of Human Anatomy, Vol. 2: Internal Organs - Helga Fritsch 2014-11-19

The sixth edition of this classic work makes mastering a vast amount of information on internal organs much less daunting. It offers a vivid review of the human body and its structure, and it is an ideal study companion as well as an excellent basic reference text. These are some of the many user-friendly features of this book New color plates on embryology and histology More than 200 outstanding full-color illustrations and 130 clinical correlations Side-by-side images with explanatory text An overview of anatomical terms in each section Emphasizing clinical anatomy, this text integrates current information from a wide range of medical disciplines into discussions of the internal organs, including: Cross-sectional anatomy as a basis for working with modern imaging modalities Detailed explanations of organ topography and function Physiological and biochemical information included where appropriate An entire chapter devoted to pregnancy and human development Volume 2: Internal Organs and its companions Volume 1: Locomotor System and Volume 3: Nervous System and Sensory Organs comprise a must-have resource for students of medicine, dentistry, and all allied health fields.

Atlas of Human Anatomy on CT Imaging - Hariqbal Singh 2010-01-31

Imaging Anatomy of the Human Brain - Neil M. Borden, MD 2015-08-25

An Atlas for the 21st Century The most precise, cutting-edge

images of normal cerebral anatomy available today are the centerpiece of this spectacular atlas for clinicians, trainees, and students in the neurologically-based medical and non-medical specialties. Truly an ìatlas for the 21st century,î this comprehensive visual reference presents a detailed overview of cerebral anatomy acquired through the use of multiple imaging modalities including advanced techniques that allow visualization of structures not possible with conventional MRI or CT. Beautiful color illustrations using 3-D modeling techniques based upon 3D MR volume data sets further enhances understanding of cerebral anatomy and spatial relationships. The anatomy in these color illustrations mirror the black and white anatomic MR images presented in this atlas. Written by two neuroradiologists and an anatomist who are also prominent educators, along with more than a dozen contributors, the atlas begins with a brief introduction to the development, organization, and function of the human brain. What follows is more than 1,000 meticulously presented and labelled images acquired with the full complement of standard and advanced modalities currently used to visualize the human brain and adjacent structuresóincluding MRI, CT, diffusion tensor imaging (DTI) with tractography, functional MRI, CTA, CTV, MRA, MRV, conventional 2-D catheter angiography, 3-D rotational catheter angiography, MR spectroscopy, and ultrasound of the neonatal brain. The vast array of data that these modes of imaging provide offers a wider window into the brain and allows the reader a unique way to integrate the complex anatomy presented. Ultimately the improved understanding you can acquire using this atlas can enhance clinical understanding and have a positive impact on patient care. Additionally, various anatomic structures can be viewed from modality to modality and from

multiple planes. This state-of-the-art atlas provides a single source reference, which allows the interested reader ease of use, cross-referencing, and the ability to visualize high-resolution images with detailed labeling. It will serve as an authoritative learning tool in the classroom, and as an invaluable practical resource at the workstation or in the office or clinic. Key Features: Provides detailed views of anatomic structures within and around the human brain utilizing over 1,000 high quality images across a broad range of imaging modalities Contains extensively labeled images of all regions of the brain and adjacent areas that can be compared and contrasted across modalities Includes specially created color illustrations using computer 3-D modeling techniques to aid in identifying structures and understanding relationships Goes beyond a typical brain atlas with detailed imaging of skull base, calvaria, facial skeleton, temporal bones, paranasal sinuses, and orbits Serves as an authoritative learning tool for students and trainees and practical reference for clinicians in multiple specialties

Human Cross-sectional Anatomy - Harold Ellis 1993

Contains 200 35mm colour transparencies, covering all of the cadaveric cross sections and accompanying CT scans represented in the companion book Atlas of Body Sections and CT Images. The set is accompanied by some brief guide notes.

Atlas of Human Anatomy - Frank Henry Netter 1997

A collection of labeled, color illustrations pertinent to gross anatomy, organized in the categories of head and neck, back and spinal cord, thorax, abdomen, pelvis and perineum, upper limb, lower limb, and cross-sectional anatomy.

Sobotta Clinical Atlas of Human Anatomy, one volume, English - Friedrich Paulsen 2019-03-06

The Sobotta Clinical Atlas of Human Anatomy is tailored specifically to the needs of medical and health

professional students. It utilizes a regional approach for learning human anatomy that integrates core concepts of anatomical structure and function with modern methods of diagnostic imaging, cross-sectional anatomy, illustrations of real world functions, clinically relevant surface anatomy and key examples of how anatomical knowledge informs clinical practice. The 'Clinical Remarks' and 'Structure/Function' sections provide important and easily identifiable practical examples, which reinforce clinical application of anatomical knowledge. Moreover, all anatomical images are accompanied by descriptive text and summary tables which serve to highlight the key concepts associated with each specific image. Key features of the atlas include: More than 1850 anatomical, radiological, cross-sectional and functional images with clinically relevant labels give you a solid grounding in human anatomy Descriptive text provides you with additional information for all images Summary tables allow you to organize valuable key concepts The regional approach to anatomy enables you to place functional, clinical and cross-sectional images in context 'Clinical Remarks' and 'Structure/Function' vignettes give you a head-start in learning anatomy in a clinically relevant manner Surface anatomy illustrations equip you with valuable knowledge for your first physical examinations The perfect study tool for courses in medicine – as well as a range of other courses, including dentistry, pharmacy, nursing, kinesiology or the movement sciences and physician assistants A unique PIN code provides you with bonus access to a complete digital copy of your atlas

Atlas of Cross-sectional Anatomy and Radiological Imaging - David J. Jackowe 2012

The study of both cadaveric axial cross-sections and CT scans is the basis of 21st century anatomy, and the cornerstone of clinical diagnostics. Modern medical

imaging, such as CT (Computed Tomography) scans, produce 1-Dimensional anatomic cross-sections of the axial plane. Learning the proper sequence and orientation of axial cross-sections and CT scans is often extremely challenging, even for the most dedicated students of anatomy: The shapes seen in the axial plane have little relation to the more familiar coronal plane. Most texts abandon students to simply memorize the shapes seen at high-yield vertebral levels or perform tricky mental gymnastics, as they must mentally rotate the axial plane to the more familiar coronal. Students are further frustrated when learning CT scans, as the shapes seen in gray/white CT slices have little relation to the anatomic structures from which they are derived. This text serves to solve these problems by illustrating the sequence of axial cross-sections and CT scans in unique 3- Dimensional illustrations. This 3-D approach clearly demonstrates the relation of the shapes seen in cross- sections and CTs to their more familiar coronal/sagittal orientation. The illustrations themselves have been done by Dr Jackowe in the classic style of Vesalius and Bourgery, thus creating a work that is both informative and artistic, the first aesthetic anatomy textbook for many years. The atlas will serve as a review book, suitable for self-study and as a companion to standard anatomy textbooks. It will appeal to medical/anatomy students, medical residents, and radiologists, as well as the general science reader who will appreciate the quality of the illustrations.

Atlas of Sectional Anatomy - Torsten Bert Moeller 2011-01-01

This superbly illustrated atlas provides a comprehensive presentation of the normal sectional anatomy of the musculoskeletal system to aid in the diagnosis of diseases affecting the joints, soft tissues, bones, and bone marrow. A precise, full-color drawing accompanies each

high-quality sectional image, helping the reader to gain a solid understanding of the topographic anatomy and to differentiate between normal and pathologic conditions. Following examples of whole-body imaging, the atlas offers complete representations of the spinal column and the upper and lower extremities. The contiguous images of the extremities in transverse sections facilitate the identification of structures extending beyond the joints. Key features: Top-quality MRI scans, including whole-body views, produced with the most current, high-performance equipment Full-color illustrations drawn by the authors for optimal precision and accuracy Easy identification of anatomic structures through a uniform color code in the drawings Contiguous cross-sectional anatomy of the extremities Information on the location and direction of each slice for rapid orientation Atlas of Sectional Anatomy: The Musculoskeletal System is an invaluable reference for the daily practice of radiologists, radiology residents, and radiologic technologists.

Human Sectional Anatomy - Harold Ellis 2007-11-30

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.

Human Sectional Anatomy - Bari M. Logan 2009

Full-colour sections of the human body are shown alongside radiological images taken from live subjects, with comparative labelling and notes to highlight important anatomical and radiological features.