

Cross Sectional Anatomy By Ct And Intro To Procedures

Cross Sectional Anatomy CT and MRI
CT of the Airways
Sectional Anatomy by MRI and CT E-Book
CT Anatomy for Radiotherapy
Atlas of Human Cross-sectional Anatomy
National Library of Medicine Current Catalog
Imaging of Diseases of the Chest E-Book
Fundamentals of Body CT
CT Anatomy for Radiotherapy
Computed Tomography of the Pituitary Gland
The Complete Guide To Cardiac CT (PB)
Sectional Anatomy
Computed Tomography and Magnetic Resonance of the Thorax
Fundamentals of Body CT
Grainger & Allison's Diagnostic Radiology E-Book
Atlas of Sectional Radiological Anatomy for PET/CT
Spiral and Multislice Computed Tomography of the Body
CT of the Head and Spine
Cross-Sectional Anatomy for Computed Tomography
Atlas of Human Anatomy on CT Imaging
Govind Chavhan
Phillip M. Boisselle Mark W. Anderson Peter Bridge Donald R. Cahill National Library of Medicine (U.S.) David M. Hansell Wayne Richard Webb Peter Bridge Jean-Francois Bonneville Simeon Abramson E. Edmund Kim David P. Naidich Wayne Richard Webb Andy Adam Mehmet T. Kitapci Mathias Prokop Norbert Hosten Michael L. Farkas Hariqbal Singh

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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

imaging of the airways is a fascinating undertaking and if done expertly a true art in medicine over the past years imaging of the airways has become ever more exciting and demanding as new therapies in pulmonary medicine have become available that require careful imaging assessment of patients to aid management and monitor therapeutic success the increasing importance of imaging in pulmonary medicine is accompanied by a surge of revolutionary developments in imaging technology that enable ever finer assessment of lung structure and function no modality has seen more rapid innovation over the last decade than computed tomography current multidetector row ct technology makes high resolution imaging of the chest with a spatial resolution of a couple of 100 μ m in a matter of mere seconds ever more sophisticated post processing applications enable intuitive quantitative assessment of lung structure and function in an efficient manner so that these technologies are increasingly embraced in mainstream medicine to improve patient care ct of the airways which was so expertly assembled by my dear friends phil boisselle and david lynch is one of the very first tomes that pays tribute to our new found prowess in airway imaging

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 expert consult ebook version included with purchase this enhanced ebook experience allows you to search all of the text figures images and references from the book on a variety of devices color coded labels for nerves vessels muscles bone tendons and ligaments facilitate accurate identification of key anatomic structures scroll and zoom capabilities on photos in the accompanying ebook version enable easier accessibility during interpretation sessions and real time resident education 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 2300 state of the art images can be viewed in three standard planes axial coronal and sagittal expert consult ebook version included with purchase this enhanced ebook experience allows you to search all of the text figures images and references from the book on a variety of devices color coded labels for nerves vessels muscles bone tendons and ligaments facilitate accurate identification of key anatomic structures scroll and zoom capabilities on photos in the accompanying ebook version enable

easier accessibility during interpretation sessions and real time resident education 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

this is the ideal resource for all those requiring an authoritative and up to date review of imaging appearances of diseases of the lung pleura and mediastinum chest radiography and ct are integrated with other imaging techniques including mri and pet where appropriate the clinical and pathologic features of different diseases are provided in varying degrees of detail with more in depth coverage given to rarer and less well understood conditions a single volume comprehensive reference text on chest radiology provides in a single resource all of the information a generalist in diagnostic radiology needs to know concisely and clearly written by a team of 4 internationally recognized authors avoids the inconsistency repetition and unevenness of coverage that is inherent in multi contributed books multimodality coverage integrated throughout every chapter all of the applicable imaging modalities are covered in a clinically relevant diagnostically helpful way approximately 3 000 high quality good sized images provides a complete visual guide that the practitioner can refer to for help in interpretation and diagnosis covers both common and uncommon disorders provides the user with a single comprehensive resource no need to consult alternative resources access the full text online and download images via expert consult access the latest version of the fleischner society s glossary of terms for thoracic imaging outlines summary boxes key points used throughout makes content more accessible by highlighting essential information brand new color images to illustrate functional imaging techniques many of the new imaging techniques can provide functional as well as anatomic information introduction of a second color throughout in summary boxes in order to better highlight key information there s a wealth of key information in the summary boxes will be highlighted more from the narrative text and will therefore be easier to access practical tips on identifying anatomic variants and artefacts in order to avoid diagnostic pitfalls many misdiagnoses are the result of basic errors in correlating the anatomic changes seen with imaging to their underlying pathologic processes latest techniques in ct mri and pet as they relate to thoracic diseases the pace of development in imaging modalities and new applications refined techniques in existing modalities continues to drive radiology forward as a specialty emphasis on cost effective image modality selection addresses the hugely important issue of cost containment by emphasizing which imaging modality is helpful and which is not in any given clinical diagnosis copd and diffuse lung disease small airway disease chapters extensively up dated access the full text online and download images via expert consult access the latest version of the fleischner society s glossary of terms for thoracic imaging

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 present volume is the results of 6 years work by our team during which time 2300 ct scans of the pituitary region were carried out this was made possible by the close collaboration between physicians and technicians in our neuroradiological department as well as by numerous corresponding physicians we wish to express our gratitude for their confidence and our sincere thanks to our colleagues at besançon dijón grenoble lyon montpellier and strasbourg furthermore we especially wish to thank the patients who willingly accepted the difficult requirements of these studies we are grateful to the technicians at the neuroradiology department of the centre hospitalier et universitaire de besançon who have perfected the methodology so as to meet the ever increasing imperatives for precise anatomical mapping of the pituitary gland and the surrounding region without their efforts this book would never have been possible finally we wish to express our thanks to the medical photographer of our group as well as the secretarial staff for their contribution to the successful production of this work we thank laboratoires guerbet and general electric for their excellent assistance and springer verlag for their care and competence in the production of this book in writing computed tomography of the pituitary gland we have sought to develop morphological study of the pituitary gland to a degree of reliability comparable to that of laboratory findings in endocrine disorders

acquire a thorough understanding of cardiac imaging a doody's core title for 2019 i believe radiologists cardiologists and clinicians as well as trainees will find the complete guide to cardiac ct to be an indispensable tool for learning the subject matter it is practical in approach but is solidly grounded in evidence based medicine with a comprehensive review of the literature and timely references the textbook provides an ideal resource for the cardiac imager and serves as an exceptional reference tool for understanding the anatomy and disease processes of the heart and coronary circulatory systems theresa c mcloud md dept of radiology massachusetts general hospital and professor of radiology harvard medical school from the foreword based on the popular review courses of educator and radiologist dr simeon abramson the complete guide to cardiac ct is a timely hands on learning tool one that will help you master every important aspect of cardiac ct from acquisition to interpretation this unique guide translates complex concepts and topics into understandable relevant subject matter and includes contributions from international leaders in cardiac ct designed for the practical day to day application of cardiac ct the text also serves as a comprehensive visual resource more than 1000 laser precise images and

illustrations all of which reflect the latest clinical acumen and cardiac imaging technology features focuses on the recognition identification and comprehension of heart and coronary circulatory pathology valuable to clinicians at any experience level logical 4 part organization consists of technology section that encompasses coronary ct angiography technique radiation concepts and successful application of radiation dose reduction tools plus a detailed review of strategies for overcoming suboptimal examinations complete with case examples coronary arteries section that thoroughly examines plaque detection and characterization stenosis assessment stents and bypass grafts and assessment of coronary artery anomalies beyond the coronary arteries details cardiac ct anatomy myocardial pericardial and valvular pathology electrophysiology applications and congenital heart disease in both pediatric and adult populations controversial topics focuses on the utilization of cardiac ct in the acute setting institution of the triple rule out protocol and anatomic versus physiologic imaging with rubidium pet ct helpful pedagogy includes numerous tables diagrams figures and illustrations

this timely atlas details advancements in pet ct and spect ct each chapter provides nuclear medicine practitioners radiologists oncologists and residents with detailed information on normal anatomy of fdg pet ct variations and artifacts of fdg pet ct normal anatomy of non fdg pet ct and normal anatomy of pet ct and spect ct coverage emphasizes anatomy to reinforce the names of organs and to support familiarization with normal and abnormal findings the atlas has been compiled with help from experienced contributors from several top international imaging centers throughout the text four color images aid readers in proper interpretation

the thoroughly revised updated fourth edition of this classic reference provides authoritative current guidelines on chest imaging using state of the art technologies including multidetector ct mri pet and integrated ct pet scanning this edition features a brand new chapter on cardiac imaging extensive descriptions of the use of pet have been added to the chapters on lung cancer focal lung disease and the pleura chest wall and diaphragm also included are recent pioped ii findings on the role of ct angiography and ct venography in detecting pulmonary embolism complementing the text are 2 300 ct mr and pet scans made on the latest generation scanners

the 2nd edition of this succinct text discusses the interpretation and performance of body computed tomography scans offers a concise review of ct anatomy for each body area and of major ct findings for common diseases new material includes the use of spiral ct for body imaging advances in ct techniques updated ct findings in abdominal disease and revised and expanded illustrations the text is short succinct and easy to read

long recognized as the standard general reference in the field this completely revised edition of grainger and allison s diagnostic radiology provides all the information that

a trainee needs to master to successfully take their professional certification examinations as well as providing the practicing radiologist with a refresher on topics that may have been forgotten organized along an organ and systems basis this resource covers all diagnostic imaging modalities in an integrated correlative fashion and focuses on those topics that really matter to a trainee radiologist in the initial years of training the latest edition continues the fine tradition set by its predecessors help young radiologists to prepare for their examinations and continue to be a source of information to be dipped in and out of senior radiologists will also find the book useful reviewed by rad magazine march 2015 i am sure the current edition will be successful and help young radiologists to prepare for their examinations and continue to be a source of information to be dipped in and out of reviewed by rad magazine march 2015 master the field and prepare for certification or recertification with a succinct comprehensive account of the entire spectrum of imaging modalities and their clinical applications effectively apply the latest techniques and approaches with complete updates throughout including 4 new sections abdominal imaging the spine oncological imaging and interventional radiology and 28 brand new chapters gain the fresh perspective of two new editors jonathan gillard and cornelia schaefer prokop eight new section editors michael maher andrew grainger philip o connor rolf jager vicky goh catherine owens anna maria belli michael lee and 135 new contributors stay current with the latest developments in imaging techniques such as ct mr ultrasound and coverage of hot topics such as image guided biopsy and ablation techniques and functional and molecular imaging solve even your toughest diagnostic challenges with guidance from nearly 4 000 outstanding illustrations quickly grasp the fundamentals you need to know through a more concise streamlined format access the full text online at expert consult

the horizons of sophisticated imaging have expanded with the use of combined positron emission tomography pet and computed tomography ct pet ct has revolutionized medical imaging by adding anatomic localization to functional imaging thus providing physicians with information that is vital for the accurate diagnosis and treatment of pathologies since the integration of pet and ct several years ago pet ct procedures are now routine at leading medical centers throughout the world this has increased the importance of nuclear medicine physicians acquiring a broad knowledge in sectional anatomy for image interpretation the atlas of sectional radiological anatomy for pet ct is a user friendly guide presenting high resolution full color images of anatomical detail and focuses solely on normal fdg distribution throughout the head neck thorax abdomen and pelvis the primary sites for cancer detection and treatment through pet ct

whole body computed tomography has developed at a rapid pace in the past decade spurred on by the introduction of spiral and multislice scanning these new technologies have not only improved diagnostic accuracy but also made new applications possible that were previously accessible only through more complex or invasive

techniques this new book expertly fills a gap in the literature by combining the practically relevant technical background with the clinical information required for correctly performing and interpreting ct examinations the book presents the state of the art capabilities and requirements of ct as a key diagnostic and interventional tool with special emphasis on the role of spiral and multi slice ct you will find a thorough introduction to ct technology from scanner design to 3d image reconstruction useful practical hints on how to optimize your examination protocols and how to keep the radiation exposure of your patients to a minimum as well as an extensive clinical section in which symptoms pathology and ct morphology are integrated to provide you with the basis for subtle interpretation of ct findings using the most modern ct techniques highlights include full coverage of single slice 4 slice and 16 slice scanning techniques introduction to extended ct applications including cardiac ct ct fluoroscopy and 3d image processing organ specific protocols for scanning and contrast administration practical guidelines for maximizing image quality and minimizing radiation exposure useful suggestions for image interpretation and for avoiding pitfalls and errors convenient format by organ system and disease entity full discussion of organ specific pathology and ct morphology ct indications integrated with other imaging modalities at a time when ct examinations are becoming more technically demanding and complex with an increasing number of scan parameters and advances in 3d reconstructions this book is an essential professional tool experienced practitioners will find their diagnostic and technical skills improved by reading the book and beginners will enjoy the clear systematic approach that will help them use the technique with confidence

maximize the diagnostic capabilities of ct imaging this book provides the essential information needed for formulating findings in ct of the head and spine the book is conceived as a highly practical guide for use in routine ct diagnosis as well as in critical on call emergency situations the features condenses information to the core questions of the diagnostic problem at hand without oversimplifying what does the clinician want to know what must be included in the findings and what differential diagnosis must be excluded clear and didactic organization of information in pathogenesis clinical findings and ct morphology convenient summaries offset by a second color provide information to be used during the ct examination that assure that nothing will be overlooked detailed descriptions of normal anatomy with normal values help to differentiate pathologic from normal findings

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 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

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