

---

## Diagnostic Ultrasound 2 Volume Set 4e Rumack Diagnostic Ultrasound 2 Vol Set

---

Pediatric Emergency Critical Care and Ultrasound  
A Textbook of Medical Imaging  
Grainger & Allison's Diagnostic Radiology: Chest and Cardiovascular System  
Diagnostic Ultrasound: Abdomen and Pelvis E-Book  
Point of Care Ultrasound E-book  
Methods and Diagnostic Applications  
Workbook and Lab Manual for Sonography - E-Book  
2-Volume Set  
Caffey's Pediatric Diagnostic Imaging E-Book  
Obstetric Imaging: Fetal Diagnosis and Care E-Book  
Sonography Principles and Instruments - E-Book  
Manual of Diagnostic Ultrasound  
A Comprehensive Text ; Abdominal and General Ultrasound  
Textbook of Diagnostic Ultrasonography  
Handbook on Neurovascular Ultrasound  
Expert Consult: Online and Print  
Fundamentals of Musculoskeletal Ultrasound E-Book  
Diagnostic Ultrasound  
Diagnostic Ultrasound, 2-Volume Set  
Principles and Protocols  
Physics and Equipment  
Atlas of Human Body Ultrasound Scanning  
Clinical Ultrasound  
Clinical Ultrasound, 2-Volume Set E-Book  
Textbook of Diagnostic Sonography  
Sonography  
Sonography Scanning - E-Book  
Basic Physics of Ultrasonographic Imaging  
Textbook of Diagnostic Sonography - E-Book  
Introduction to Vascular Ultrasonography  
Diagnostic Ultrasound: Vascular  
Diagnostic Ultrasound  
Encyclopaedia of Medical Physics  
Introduction to Normal Structure and Function  
A Cased-Based Application  
Introduction to Normal Structure and Function  
Diagnostic Ultrasound Imaging: Inside Out  
Grainger & Allison's Diagnostic Radiology

---

## HUDSON WANG

---

Pediatric Emergency Critical Care and Ultrasound Elsevier Health Sciences

All healthcare professionals practising ultrasound in a clinical setting should receive accredited training in the principles and practice of ultrasound scanning. This second edition of *Diagnostic Ultrasound: Physics and Equipment* provides a comprehensive introduction to the physics, technology and safety of ultrasound equipment, with high quality ultrasound images and diagrams throughout. It covers all aspects of the field at a level intended to meet the requirements of UK sonography courses. New to this edition:

- Updated descriptions of ultrasound technology, quality assurance and safety.
- Additional chapters dedicated to 3D ultrasound, contrast agents and elastography.
- New glossary containing definitions of over 500 terms.

The editors and contributing authors are all authorities in their areas, with contributions to the scientific and professional development of ultrasound at national and international level.

*A Textbook of Medical Imaging* High Frequency Publishing  
Only ultrasound book that deals specifically with infectious and tropical diseases

*Grainger & Allison's Diagnostic Radiology: Chest and Cardiovascular System* Saunders

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.

Diagnostic Ultrasound: Abdomen and Pelvis E-Book Elsevier Health Sciences

This second updated edition of the *Encyclopaedia of Medical Physics* contains over 3300 cross-referenced entries related to medical physics and associated technologies. The materials are supported by over 1300 figures and diagrams. The *Encyclopaedia* also includes over 600 synonyms, abbreviations and other linked entries. Featuring over 100 contributors who are specialists in their respective areas, the *encyclopaedia* describes new and existing methods and equipment in medical physics. This all-encompassing reference covers the key areas of x-ray diagnostic radiology, magnetic resonance imaging (MRI), nuclear medicine, ultrasound imaging, radiotherapy, radiation protection (both

ionising and non-ionising) as well as related general terms. It has been updated throughout to include the newest technologies and developments in the field, such as proton radiotherapy, phase contrast imaging, multi-detector computed tomography, 3D/4D imaging, new clinical applications of various imaging modalities, and the relevant regulations regarding radiation protection and management. Features: Contains over 3300 entries with accompanying diagrams, images, formulas, further reading, and examples Covers both the classical and newest elements in medical imaging, radiotherapy, and radiation protection Discusses material at a level accessible to graduate and postgraduate students in medical physics and related disciplines as well as medical specialists and researchers

Point of Care Ultrasound E-book Springer

An approachable textbook for medical practitioners and technologists studying to become ultrasound practitioners. Written by a leading ultrasound educator and designed to suit typical university, college or professional courses. Also appropriate for self-guided study. The first edition of this book sold over 5000 copies. This second edition brings the content up to date, while retaining the style and chapter structure of the first. Many sections have been rewritten, new material has been introduced and some outmoded material removed. As before, a Study Guide has been developed to complement the text.

**Methods and Diagnostic Applications** Mosby

Compact, hand-carried ultrasound devices are revolutionizing how healthcare providers practice medicine in nearly every specialty. The 2nd Edition of this award-winning text features all-new chapters, a greatly expanded video library, and new review questions to keep you fully up to date with the latest technology and its applications. Helps you interpret findings with a peer-reviewed, online video library with more than 1,000 ultrasound videos of normal and pathologic findings. These videos are complemented by anatomical illustrations and text descriptions to maximize learning. Offers new online resources, including over 60 clinical cases and review questions in every chapter. Features fully updated content throughout, plus all-new chapters on hemodynamics, transesophageal echocardiography, transcranial Doppler ultrasound, pediatrics, neonatology, and 2nd/3rd

trimester pregnancy. Shares the knowledge and expertise of expert contributors who are internationally recognized faculty from more than 60 institutions. Recipient of British Medical Association's President's Choice Award and Highly Commended in Internal Medicine at the BMA Medical Book Awards 2015 (first edition).

**Workbook and Lab Manual for Sonography - E-Book** Elsevier Health Sciences

Make optimal use of the latest diagnostic and interventional ultrasound applications in your practice! This new edition of the world's best-selling reference on obstetric and gynecologic ultrasound guides you through all of the newest ultrasound technologies, enabling you to diagnose problems accurately. The entire book has been radically updated by many new contributors to reflect all of the most recent advances, including greatly expanded information on 3-D ultrasound and the latest generation of ultrasound scanners, as well as significantly increased discussions of gynecologic ultrasound. What's more, over 2,400 digital-quality images - 1,050 in full color - capture the characteristic appearance of a full range of ultrasound findings, and a new full-color format makes reference easier than ever. The result is an essential purchase for everyone who uses ultrasound for fetal and gynecologic diagnosis and treatment. Get dependable guidance on any clinical issue or challenge by consulting the world's most popular, trusted reference on ob/gyn ultrasound! Obtain optimal results by applying the masterful expertise of world-renowned authority Peter W. Callen, MD, as well as a care of other top specialists on the diagnostic and interventional applications of ultrasound. Make optimal use of all of the latest developments, including 3-D ultrasound, the use of the latest generation of ultrasound scanners, the growing role of ultrasound in gynecologic imaging. Diagnose with confidence by comparing your imaging findings to more than 2,400 digital-quality images - 1,050 in full color - that depict the complete range of normal and abnormal imaging presentations. Locate information more quickly thanks to a new highly templated, full-color format. Visualize key anatomic details more clearly with hundreds of medical illustrations redrawn in full color.

**2-Volume Set** Elsevier Health Sciences

Since 1945, radiologists have turned to Caffey's Pediatric Diagnostic Imaging for the most comprehensive coverage and

unparalleled guidance in all areas of pediatric radiology. Continuing this tradition of excellence, the completely revised 12th edition - now more concise yet still complete - focuses on the core issues you need to understand new protocols and sequences, and know what techniques are most appropriate for given clinical situations. "This text will obviously be of great interest not only to radiologists, also to those who work with children including all pediatric specialties. It is also extremely useful in countries with resource poor setting where there is shortage of well-trained radiologists in pediatric specialties." Reviewed by: Yangon Children Hospital on behalf of the Journal of the European Paediatric Neurology Society, January 2014 "This is a thoroughly up-to-date text, divided into manageable topics, at a very reasonable price and I thoroughly recommend it to anyone who needs updating in the field of paediatrics or paediatric imaging." RAD, February 2014 Determine the best modality for each patient with state-of-the art discussions of the latest pediatric imaging techniques. Quickly grasp the fundamentals you need to know through a more precise, streamlined format, reorganized by systems and disease processes, as well as "Teaching Boxes" that highlight key points in each chapter. Apply all the latest pediatric advances in clinical fetal neonatology techniques, technology, and pharmacology. Achieve accurate diagnoses as safely as possible. Increased coverage of MRI findings and newer imaging techniques for all organ systems emphasizes imaging examination appropriateness and safety. Reap the fullest benefit from the latest neuroimaging techniques including diffusion tensor imaging, fMRI, and susceptibility weighted imaging. Keep current with the latest pediatric radiological knowledge and evidence-based practices. Comprehensive updates throughout include new and revised chapters on prenatal imaging; newer anatomic and functional imaging techniques (including advances in cardiac imaging); disease classifications and insights into imaging disease processes; and advanced imaging topics in neurological, thoracoabdominal, and musculoskeletal imaging. Compare your findings to more than 10,000 high-quality radiology images. Access the full text online at Expert Consult including illustrations, videos, and bonus online-only pediatric imaging content.

**Caffey's Pediatric Diagnostic Imaging E-Book** Elsevier

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. Obstetric Imaging: Fetal Diagnosis and Care E-Book Elsevier Health Sciences Now in its 6th edition, Introduction to Vascular Ultrasonography, by Drs. John Pellerito and Joseph Polak, provides an easily

accessible, concise overview of arterial and venous ultrasound. A new co-editor and new contributors have updated this classic with cutting-edge diagnostic procedures as well as new chapters on evaluating organ transplants, screening for vascular disease, correlative imaging, and more. High-quality images, videos, and online access make this an ideal introduction to this complex and rapidly evolving technique. Find information quickly with sections organized by clinical rationale, anatomy, examination technique, findings, and interpretation. Get a thorough review of ultrasound vascular diagnosis, including peripheral veins and arteries, carotid and vertebral arteries, abdominal vessels, and transcranial Doppler. Quickly reference numerous tables for examination protocols, normal values, diagnostic parameters, and ultrasound findings for selected conditions. Visualize important techniques with hundreds of lavish line drawings and clinical ultrasound examples. Stay current with trending topics through new chapters on evaluation of organ transplants, screening for vascular disease, correlative imaging, and accreditation and the vascular lab. Experience clinical scenarios with vivid clarity through new color ultrasound images. Watch vascular ultrasound videos and access the complete contents online at [www.expertconsult.com](http://www.expertconsult.com). Benefit from the fresh perspective and insight of a new co-editor, Dr. Joseph Polak. Improve your understanding of the correlation of imaging results with treatment goals in venous and arterial disease. Learn the principles of vascular ultrasonography from the most trusted reference in the field.

**Sonography Principles and Instruments - E-Book** Elsevier Health Sciences

A complete overview of contemporary radiological practice, this new edition provides all the information that a trainee needs to master in order to successfully take their professional certification examinations as well as providing the practicing radiologist with a refresher on topics that may have been forgotten. This new edition gives you a succinct but comprehensive account of all currently available imaging modalities and their clinical applications. Totally re-written, the book covers all of the areas that a trainee radiologist needs to master and provides the radiologist in clinical practice with a compact overview of the current "state of play" of imaging procedures. Organized along an organ and systems basis this resource covers all diagnostic and interventional imaging modalities in an integrated correlative

fashion. The text is enhanced and clarified throughout by approx. 4,000 high quality illustrations.

*Manual of Diagnostic Ultrasound* Elsevier Health Sciences

A didactic, illustrated guide to the use of ultrasound as a diagnostic tool in clinical practice. Prepared by an international group of experts with wide experience in both developed and developing countries, the manual responds to the need for a basic reference text that can help doctors, sonographers, nurses, and midwives solve imaging problems when no experts are available. With this need in mind, the manual adopts a practical approach aimed at providing a thorough grounding in both the techniques of ultrasound and the interpretation of images. The need for extensive supervised training is repeatedly emphasized. Because the clinical value of ultrasound depends so greatly on the experience and skill of the operator, the manual makes a special effort to alert readers to common pitfalls and errors, and to indicate specific clinical situations where ultrasound may not be helpful or reliable as a diagnostic tool. Explanatory text is supported by numerous practical tips, warnings, checklists and over 600 illustrations. The opening chapters explain how ultrasound works, outline the factors to consider when choosing a scanner, and introduce the basic rules of scanning, including advice on how to recognize and interpret artefacts. Guidance on the selection of ultrasound equipment includes clear advice concerning where costs can be spared and where investment is essential. The core of the manual consists of seventeen chapters providing guidance on scanning techniques and the interpretation of images for specific organs and anatomical sites, with the most extensive chapter devoted to obstetrics. Each chapter contains illustrated information on indications for scanning, preparation of the patient, including choice of transducer and setting of the correct gain, general scanning techniques, and specific techniques for identifying anatomical landmarks and recognizing abnormalities. The manual concludes with WHO specifications for a general-purpose scanner judged entirely suitable for 90-95% of the most common ultrasound examinations.

*A Comprehensive Text ; Abdominal and General Ultrasound* Elsevier Health Sciences

Emergency bedside ultrasound assessment is well established for adult patients, but has only recently been introduced into everyday clinical practice for the care of pediatric patients.

Pediatric Emergency Critical Care and Ultrasound is a concise, practical text which explains the principles of ultrasound, its diagnostic application in all organ systems and its use as a procedural adjunct. Both well-established and innovative applications are described, assisting the practitioner in incorporating ultrasound into daily practice, facilitating patient care and decreasing radiation exposure. Case studies and abundant illustrations enable the reader to study the appropriate techniques in detail and learn from real examples from the pediatric emergency department and intensive care unit. Pediatric Emergency Critical Care and Ultrasound is the first comprehensive bedside ultrasonography resource focusing on pediatric patients and is essential reading not only for pediatric emergency medicine subspecialists but for all emergency physicians, intensivists/critical care physicians and pediatricians. *Textbook of Diagnostic Ultrasonography* Elsevier Health Sciences Richly illustrated and comprehensive in scope, *Obstetric Imaging, 2nd Edition*, provides up-to-date, authoritative guidelines for more than 200 obstetric conditions and procedures, keeping you at the forefront of this fast-changing field. This highly regarded reference covers the extensive and ongoing advances in maternal and fetal imaging in a concise, newly streamlined format for quicker access to common and uncommon findings. Detailed, expert guidance, accompanied by superb, high-quality images, helps you make the most of new technologies and advances in obstetric imaging. Features more than 1,350 high-quality images, including 400 in color. Helps you select the best imaging approaches and effectively interpret your findings with a highly templated, bulleted, at-a-glance organization. Reflects all the latest developments in the field, including genetics, open fetal surgery, fetal echocardiography, Zika virus, and 3D imaging, so you can provide the safest and most responsive care to both mother and fetus. Includes new chapters on Limbs and Bones Overview; Open Fetal Surgery; Biophysical Profile; Ultrasound Physics; Elastography; Doppler; MRI; Echogenic Bowel; Pregnancy of Unknown Location (PUL), Failed Pregnancy and Ectopic Pregnancy, Cesarean Scar Pregnancy; Cytomegalovirus (CMG), Rubella, Toxoplasmosis, Herpes, Varicella; and Congenital Syphilis; plus a new chapter on Zika Virus written by imaging experts from the "hot zone." Keeps you up to date with the latest developments in multimodality imaging and optimizing diagnostic



accuracy from ultrasound, 3D ultrasound, Doppler, MRI, elastography, image-guided interventions, and much more. *Handbook on Neurovascular Ultrasound* Elsevier Health Sciences Effectively perform and interpret musculoskeletal ultrasound with this concise, highly illustrated resource by Jon A. Jacobson, MD. Fully revised, this bestselling title covers all the essential details of musculoskeletal ultrasound imaging, providing a solid understanding of the technique and how to make accurate diagnoses. It takes a concise, clear, and step-by-step approach to all of the most common musculoskeletal ultrasound applications, with specific details on anatomy, patient positioning, scanning techniques, normal and abnormal findings, tips, and pitfalls. A succinct, highly accessible writing style makes information easy to understand. Common percutaneous ultrasound-guided musculoskeletal procedures are demonstrated, including transducer and needle positioning. Reader-friendly lists, tables, and images make reference quick and easy. Nearly 400 new ultrasound images show scanning technique, anatomy, and essential pathology. Newly revised information throughout helps you grasp essential concepts in diagnostic musculoskeletal ultrasound, ultrasound-guided musculoskeletal procedures, and much more. Thoroughly revised text, references, and images keep you up to date.

*Expert Consult: Online and Print* Springer Science & Business Media

"Diagnostic Ultrasound," edited by Carol M. Rumack, Stephanie R. Wilson, J. William Charboneau, and Deborah Levine, presents a greater wealth of authoritative, up-to-the-minute guidance on the ever-expanding applications of this versatile modality than you'll find in any other single source. Preeminent experts help you reap the fullest benefit from the latest techniques for ultrasound imaging of the whole body...image-guided procedures...fetal, obstetric, and pediatric imaging...and more. This completely updated edition encompasses all of the latest advances, including 3D and 4D imaging, fetal imaging, contrast-enhanced ultrasound (CEUS) of the liver and digestive tract, and much more - all captured through an abundance of brand-new images. And now,

video clips for virtually every chapter allow you to see the sonographic presentation of various conditions in real time! *Fundamentals of Musculoskeletal Ultrasound E-Book* Diagnostic Ultrasound Obstetrics & Gynecology This atlas describes the diagnosis practice and cases of human body ultrasound. It includes anatomic section, standard scan ultrasonogram of every organ, scanning methods and key points, measurement methods, normal value ranges, and clinical significances of every sections. Providing basic information and fundamental principles of ultrasonic diagnosis, it discusses ultrasound scanning of 14 organs in individual chapters. Each section sonography is accompanied by the scanning method, section structure, measuring method and clinical application. The uniform structure and detailed instructions make this atlas an easy-to-use resource for residents to refer to when they encounter specific ultrasound diagnostic problems.

*Diagnostic Ultrasound* World Health Organization

This best-selling volume in The Requisites Series provides a comprehensive introduction to timely ultrasound concepts, ensuring quick access to all the essential tools for the effective practice of ultrasonography. Comprehensive yet concise, *Ultrasound* covers everything from basic principles to advanced state-of-the-art techniques. This title perfectly fulfills the career-long learning, maintenance of competence, reference, and review needs of residents, fellows, and practicing physicians.

*Diagnostic Ultrasound, 2-Volume Set* Academic Press

Without a thorough knowledge of the appearance of normal anatomy, you may have a tough time recognizing abnormalities in ultrasound images. Get a firm grounding in normal anatomy and physiology from an ultrasound perspective with *Sonography: Introduction to Normal Structure and Function*, 4th Edition. The new edition of this highly visual introductory text presents a wealth of ultrasound images, accompanied by labeled drawings with detailed legends, to increase your comfort with normal anatomy as it appears during scanning. Its consistent chapter format makes the content easy to navigate and reinforces the discipline of following a standard protocol to scan each area of the body. Detailed line drawings accompany most sonograms to

explain what you should notice on each scan. If you do not see the structure, or are uncertain of it on the image, you can look at the diagram for confirmation. Over 1,500 images provide a thorough, visual understanding of sonography. Consistent organization with a standardized heading scheme helps you when searching for information. Content on quality control protocols in the clinical setting shows you how to recreate the most optimal scanning settings and techniques. *Evolve resources* provide you with additional learning tools. NEW! Full 4-color design incorporates color images within the appropriate chapter to help you understand the concepts without having to flip to the front of the book - and highlights the important points within each chapter. NEW! Three all-new chapters bring you the most up-to-date information on fetal echocardiography, laboratory values, and ergonomics. NEW! Updated sonograms demonstrate the latest and best images from the newest equipment, including 3D and 4D images. NEW! Expanded Test Bank, with new questions for each chapter, provides 1,000 questions on the material. *Principles and Protocols* Elsevier Health Sciences *Ultrasound* has revolutionized a physician's ability to make urgent and emergent diagnoses at the bedside, and has changed the management of many acute injuries and conditions. This is a practical, concise introduction to what is rapidly becoming an essential tool for all critical care physicians: bedside emergency ultrasound. The Manual covers the full spectrum of conditions diagnosed using ultrasound and gives practical guidance in how to use ultrasound for common invasive procedures. Major applications are introduced using focused diagnostic questions and reviewing the image-acquisition skills needed to answer them. Images of positive and negative findings are presented, and scanning tips for improving image quality. The second edition has been substantially revised and expanded, with new images, updated literature reviews, new applications and clinical algorithms. New chapters cover additional procedures, musculoskeletal and pediatric applications, and the use of ultrasound in resuscitation. This text is invaluable for emergency physicians at all levels.