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Diagnostic Ultrasound (2 Volume Set)

Carol M. Rumack
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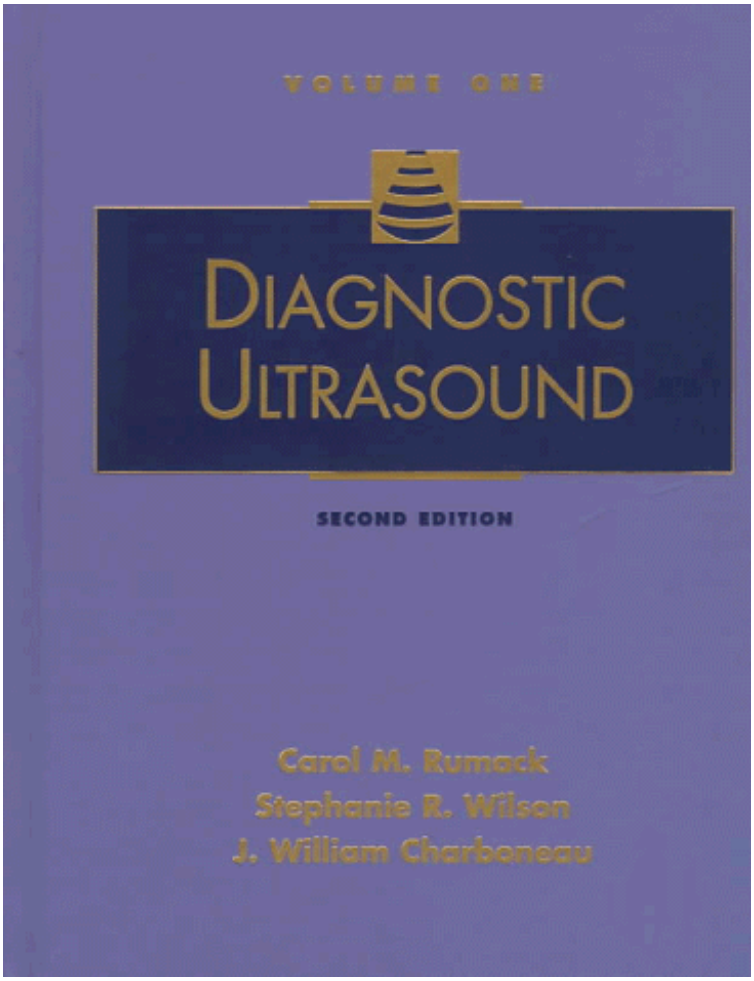

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Carol M. Rumack : Diagnostic Ultrasound (2 Volume Set) before purchasing it in order to gage whether or not it would be worth my time, and all praised Diagnostic Ultrasound (2 Volume Set):

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Radiology's review of the first edition of Diagnostic Ultrasound reflects the overall opinion of those who are familiar with this book: "This is sure to become the standard textbook of US and is excellent for all levels of users." Others have called it "outstanding" and "impressive" (Ultrasound in Medicine Biology) and "the book we all have awaited for so long. It is recommended without reservation" (Clinical Imaging). The second edition of this long-awaited

comprehensive text again meets the highest standards in both content and image quality. It has been exhaustively revised and updated, and covers both traditional and evolving techniques in adult, pediatric and obstetric/fetal ultrasound imaging.

From The New England Journal of MedicineThe future of diagnostic sonography in today's era of cost containment is unclear. As compared with magnetic resonance imaging (MRI) and computed tomography (CT), sonography has the disadvantages of a limited field of view, poorer resolution, operator dependence, and interference by bone and air. In most regions of the body, sonography is considered a good screening test, but if you really need an answer you go to CT or MRI. With pressure to do as few studies as possible, why not go straight to CT or MRI? Because sonography does have advantages: flexibility, real-time monitoring, low cost, no ionizing radiation, and relatively inexpensive upgrades. I believe sonography has a bright future in the managed-care era, and this book illustrates many new applications for it. The first edition of Diagnostic Ultrasound was extremely well received and became a standard, authoritative reference book. Given the advances in the field over the past seven years, including color and power Doppler and new and improved transducer technology, a revised, updated second edition is welcome. The editors have assembled an outstanding group of approximately 100 expert contributors. The layout of this book is beautiful. Colored boxes highlight important lists and tables throughout the text. The illustrations are large and well annotated and show exactly what they are intended to show. Correlative imaging methods, drawings, and diagrams are used appropriately. The topics covered in the two volumes cover the entire field of diagnostic ultrasound, including physics and bioeffects; contrast agents; abdominal, pelvic, and thoracic sonography; interventional sonography; musculoskeletal sonography; intraoperative and laparoscopic sonography; small-parts imaging; vascular sonography; obstetric and fetal sonography; and pediatric sonography. References are copious, cited throughout the text and listed at the ends of the chapters. Radiology residents will want to purchase this book as their definitive reference work on sonography. The general radiologist who does some sonography should own it for reference during daily practice. Experienced ultrasound practitioners will be drawn to the relatively new material presented in the chapters on contrast agents, the gastrointestinal tract, the abdominal wall, the diaphragm and peritoneum, the thorax, intraoperative sonography, and the rotator cuff and tendons. Any brave souls who wish to plunge into ultrasound-guided interventional procedures will find expert guidance in several chapters. The second volume consists of sections on obstetric and fetal sonography and pediatric sonography. Each of these could be published separately as a monograph. This book is a must acquisition for departmental libraries. Specialists in obstetrics and gynecology and in vascular surgery will probably opt to purchase monographs devoted to their specialties. I cannot praise the editors, authors, and publisher of this book enough. One rarely finds a textbook that is encyclopedic, easy to read, beautifully illustrated, and thoughtfully laid out. Most book reviews are supposed to present something in the way of shortcomings. I suppose I could find a few typographical errors here or there, or quibble about some statement somewhere. However, I really cannot find anything wrong that is worth mentioning. ed by Arnold C. Friedman, M.D. Copyright 1998 Massachusetts Medical Society. All rights reserved. The New England Journal of Medicine is a registered trademark of the MMS. "This title is the authority in the field of ultrasound diagnosis as it relates to both the adult and child patient (which is exactly why it is used in so many radiology departments at centers throughout the world). This selection covers the subject in broad and definite terms, and boasts many features which has caused it to be first choice among health care providers who use ultrasound to detect disease and instigate treatment. (The Electric , January/February 2006)About the AuthorCarol M. Rumack, MD, Professor of Radiology and Pediatrics, Associate Dean for Graduate Medical Education, University of Colorado Health Science Center, Denver, CO.; Stephanie R. Wilson, MD, Professor of Medical Imaging and Obstetrics and Gynecology, University of Toronto; Head, Section of Ultrasound, Toronto General Hospital, University Health Network, Toronto, Ontario, Canada; J. William Charboneau, MD, Professor of Radiology, Mayo Medical School, Mayo Clinic, Rochester, MN.; and Jo-Ann Johnson, MD, Assistant Professor of Radiology, Department of Obstetrics and Gynecology, University of Toronto, Mount Sinai Hospital, University Health Network, Toronto, Ontario, Canada