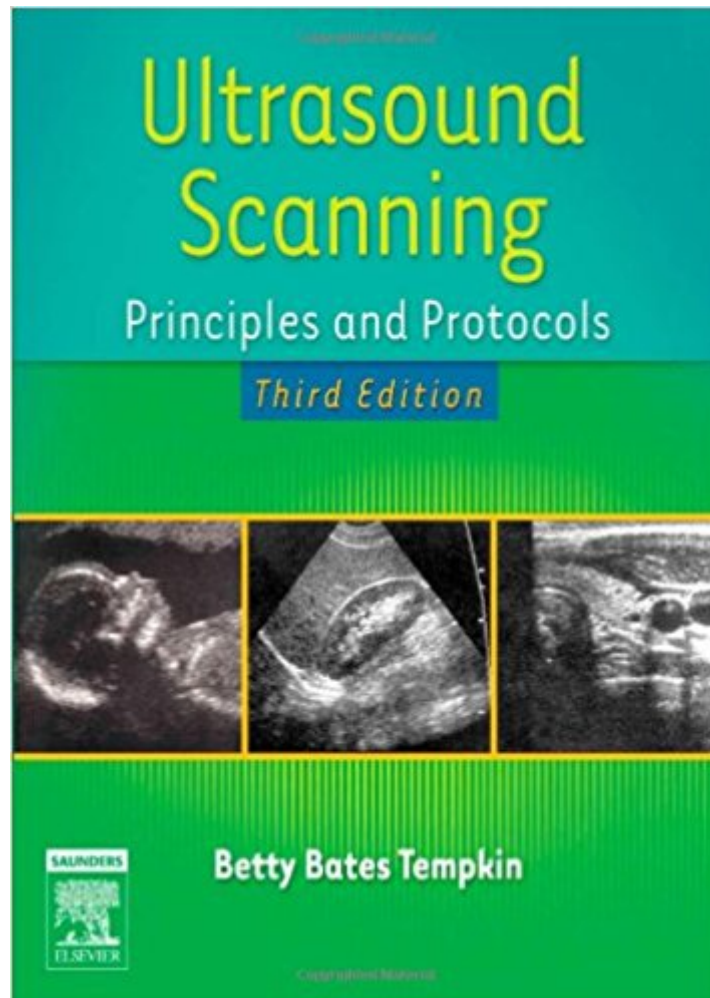




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# Ultrasound Scanning: Principles And Protocols, 3rd Edition



## Synopsis

Presents a visual, step-by-step method for scanning and image documentation to provide diagnostic sonograms for physicians. Scanning principles and specific instructions are provided to improve the quality of sonographic studies and establish standardization. The text includes criteria for professionalism and clinical skills, plus requisites for handling ultrasound equipment, image labeling, image technique, and case presentation. A universal method for scanning and documenting pathologies is provided. The protocol chapters provide detailed scanning protocols for the major blood vessels and organs of the abdomen, the male and female pelvic regions and obstetrics. Protocols for the abdomen, scrotum, thyroid gland, breast, neonatal brain, vascular and cardiac systems are also included. Full and limited scanning protocols discuss the location of specific vessels or organs, anatomy and physiology, sonographic appearance, and normal variations. Protocols follow guidelines provided by the American Institute of Ultrasound in Medicine (AIUM), the organization that sets sonography policies, practice standards, safety procedures, and performance guidelines. Full discussion of each scanning protocol consistently addresses patient preparation, type of transducer, breathing techniques, comprehensive surveys, and required images. Focus on scanning protocols prepares students for their most important function as a sonographer • providing diagnostic sonograms for physicians. Detailed line drawings accompany most sonograms, showing which structures and outlines should be discerned within the image. Over 1,400 images and drawings are accompanied by detailed scanning instructions with illustrations for patient position and transducer movement, plus images with accompanying drawings for every AIUM-approved protocol. 10 review questions are added to the end of each chapter, allowing students to quiz themselves. 250 new images include 175 protocol images in the abdomen chapter plus 75 others, completing all the protocols approved by the AIUM. Ergonomics section is added to Chapter 1, providing information on preventing occupational injury. Human disease information is added to Chapter 3, with overview of sonography and pathology. Review questions have been added to the end of each chapter. Evolve® Resources for instructors includes test bank and image collection.

## Book Information

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## Customer Reviews

Format of the way this book is written is strange. It explains, coronal, sagittal, lateral, transection but then during the studies uses AXIAL which was not even discussed and to make matters worse doesn't show any miniature transducer to know where for this specific picture, transducer was placed? Pictures are explained well but no measurement nor explanation of correct placement and using terms that was not explained makes a well worth book, worse less.

Bought this book for school, I wish I had only rented it as I no longer use it

Great book, fast shipping.

Received as described. Thank you

Great book!! Thank you so much!!!!

thank you

Great book, awesome, detailed images inside. Help me big time with my Ultrasound classes.

This has helped a lot and I love the ultrasound images they have in here and how they have next to it a drawing. It really helps you understand

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