



Sonography Scanning - Elsevier eBook on VitalSource (Retail Access Card): Principles and Protocols, 4e

By Betty Bates Tempkin BA

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Commonly referred to as the "sonography bible" by many of its past and current users, Betty Tempkin's **Sonography Scanning, 4th Edition** is the go-to guide for producing diagnostic sonograms for physicians. Featuring an updated two-color design, this new edition covers the latest ultrasound scanning principles along with step-by-step instructions for scanning and documenting images. The text also incorporates clinical skills, professionalism, image labeling, image techniques, case presentations, handling of ultrasound equipment, and the universal method for scanning and documenting pathologies. The scanning protocols follow AIUM guidelines and provide information on patient prep, transducers, breathing techniques, comprehensive surveys, and required images. Also included are the location of specific vessels or organs, anatomy and physiology, sonographic appearance, and normal variations.

"Overall, this book is an excellent resource for novice sonography students, but also provides a useful reference book for the more experienced sonographer."

Reviewed by: Dr Vivien Gibbs on behalf of RAD Magazine **Date:** July 2015

- **Scanning principles and step-by-step instructions on how to scan and document images** help users establish standardization and image documentation for physician diagnostic interpretation.
- **Scanning protocols that follow AIUM guidelines** provides the essential information on patient prep, transducers, breathing techniques, comprehensive surveys, and required images. The location of specific vessels or organs, anatomy and physiology, sonographic appearance, and normal variations are also included.
- **Sonographic ergonomics and proper use of equipment** help sonographers avoid occupational injuries.
- **Scanning protocol for pathology** provides the criteria for evaluating and documenting abnormal sonographic findings, describing those findings within legal parameters, and relating those findings to the interpreting physician.
- **Review questions** at the end of each chapter give users the ability to self-

review.

- **NEW! Transducer location drawings included on images** helps users understand exactly where on the body they should scan to produce a particular image.
- **NEW! Musculoskeletal chapter** provides musculoskeletal coverage for those sonographers interested in this specialty.
- **NEW! Two-color streamlined design** enhances readability and allows for more images on the page.
- **NEW! 300 new images** demonstrate superior quality images from the latest state-of-the-art ultrasound equipment.
- **NEW! Pedagogy including key terms and objectives** is included at the beginning of each chapter to specify chapter expectations and focus study.

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- Sales Rank: #1430366 in Books
- Published on: 2014-12-29
- Original language: English
- Dimensions: 9.25" h x 6.25" w x .25" l, .4 pounds
- Binding: Printed Access Code
- 704 pages

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Editorial Review

Review

"My initial thought was that the book had perhaps tried to be too ambitious in covering such a large number of topics. However, on reading the chapters, I appreciated that the level of detail provided in each area gave a really useful overview for anyone embarking on a sonography career or wishing to extend their areas of scanning expertise.

Overall, this book is an excellent resource for novice sonography students, but also provides a useful reference book for the more experienced sonographer." **Reviewed by:** Dr Vivien Gibbs on behalf of RAD Magazine **Date:** July 2015

Users Review

From reader reviews:

John Warner:

What do you think of book? It is just for students since they are still students or this for all people in the world, exactly what the best subject for that? Only you can be answered for that query above. Every person has various personality and hobby for each and every other. Don't to be compelled someone or something that they don't would like do that. You must know how great along with important the book Sonography Scanning - Elsevier eBook on VitalSource (Retail Access Card): Principles and Protocols, 4e. All type of book would you see on many options. You can look for the internet solutions or other social media.

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