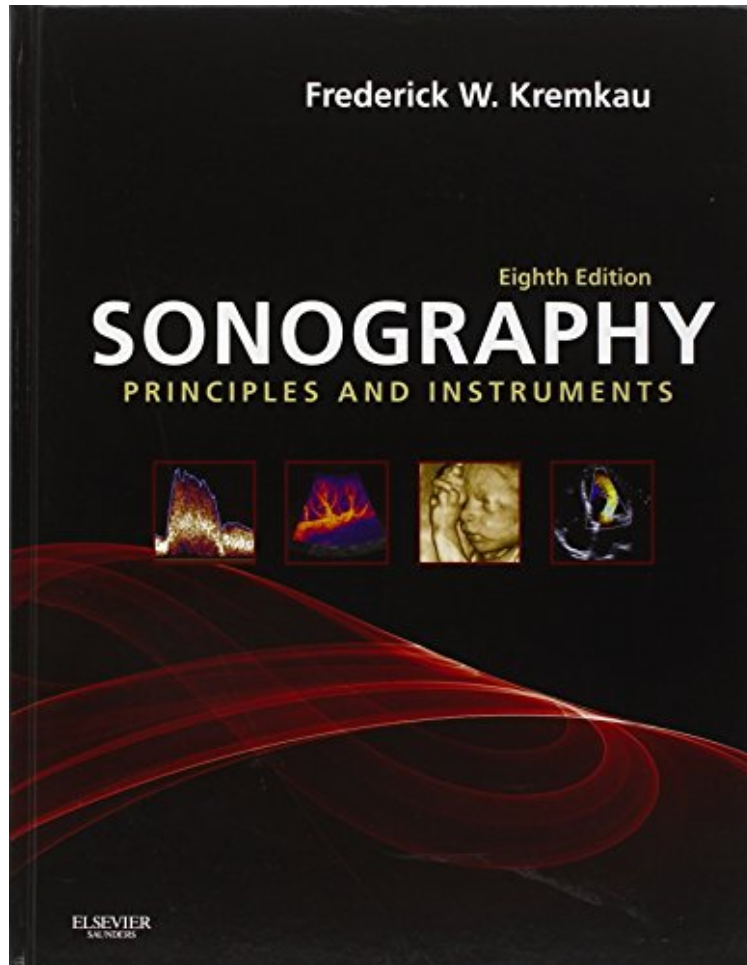


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## Sonography Principles and Instruments, 8e (Diagnostic Ultrasound: Principles Instruments (Kremkau))

*Frederick W. Kremkau PhD*  
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**Frederick W. Kremkau PhD : Sonography Principles and Instruments, 8e (Diagnostic Ultrasound: Principles Instruments (Kremkau))** before purchasing it in order to gage whether or not it would be worth my time, and all praised Sonography Principles and Instruments, 8e (Diagnostic Ultrasound: Principles Instruments (Kremkau)):

1 of 1 people found the following review helpful. Awful, just horribleBy LabrynthThis is awful. To be an intro book, it does a poor job of actually explaining stuff. I feel like you need a physics degree just to read it and comprehend it. We are half way thru the semester and I am still struggling no matter how many times I read the chapter (It doesn't help my instructor isn't very good). I finally caved and ordered the Edelman book everyone talks about. Hopefully it can save me.0 of 0 people found the following review helpful. Two StarsBy Obad2 of 2 people found the following review helpful. excellent resourceBy Dea ShatterlyI highly recommend this book for anyone seeking to pass the ARDMS

Sonographic Physics registry. Dr. Kremkau is wonderful at explaining the principles necessary to understand and operate modern sonographic material. He doesn't "dumb it down"--he simply explains the concepts.

The 8th edition of Kremkau's *Sonography Principles and Instruments* concisely and comprehensively covers the essential aspects of sonography physics and technology, presenting state-of-the-art content in a dynamic, highly visual format. Confidently prepare for the challenges of practice with a clear understanding of how diagnostic sonography works, including Doppler, artifacts, safety, quality assurance, the latest technology, and more. Essential coverage of physics and ultrasound helps you prepare for the ARDMS SPI exam. Straightforward explanations simplify complex content. Key Points highlight the most important information to help you study more efficiently. Learning features such as chapter outlines, learning objectives, bulleted chapter summaries, and a glossary of sonography physics terms make difficult concepts easier to review and understand. End-of-chapter exercises test your knowledge and understanding with a mix of true-or-false, fill-in-the-blank, multiple choice, and mathematical questions. A mathematics appendix provides fast, efficient access to a List of Symbols, a Compilation of Equations, and a Mathematics Review. A full-color design depicts more than 200 high-quality ultrasound scans similar to what you'll encounter in the clinical setting. Updated scans from the most current equipment and updated content on 3D imaging, contrast, elastography, and imaging artifacts provide all the information necessary to be consistent with current technology. Full-color photos of common instruments and control panels familiarize you with the devices you'll use in practice. Updated risk and safety statements help you ensure compliance with current national standards. New outline and presentation of materials reflect the 2009 ARDMS Sonography Principles and Instrumentation (SPI) examination.

"I would certainly recommend this publication both to those new to the area of diagnostic ultrasound and those wishing to instruct or train individuals. All in all, this is a useful textbook for any ultrasound department, and for students entering this area." *Ultrasound*, December 2011