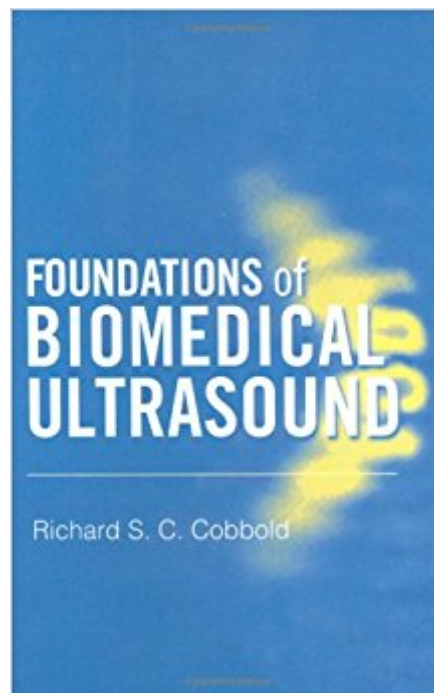




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Foundations of Biomedical Ultrasound provides a thorough and detailed treatment of the underlying physics and engineering of medical ultrasound practices. It covers the fundamental engineering behind ultrasound equipment, properties of acoustic wave motion, the behavior of waves in various media, non-linear waves and the creation of images. The most comprehensive book on the subject, Foundations of Biomedical Ultrasound is an indispensable reference for any medical professional working with ultrasound imaging, and a comprehensive introduction to the subject for students. The author has been researching and teaching biomedical ultrasonics at the University of Toronto for the past 25 years.

Book Information

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"This would be an excellent standalone text for a course on medical ultrasound physics, or alternatively, it would serve as a fine reference. ...it supplies a very complete treatment of how modern systems work, and thus, it should be on every ultrasound physicist's or engineer's bookshelf."--Doody's Electronic Journal

Richard S. C. Cobbold is a Professor of Biomedical Engineering at University of Toronto (Emeritus).

This book is fantastic, because it begins with the basic theory of acoustical physics, and it develops some chapters on ultrasound application. Great opportunity to learn with Dr. Cobbold!

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