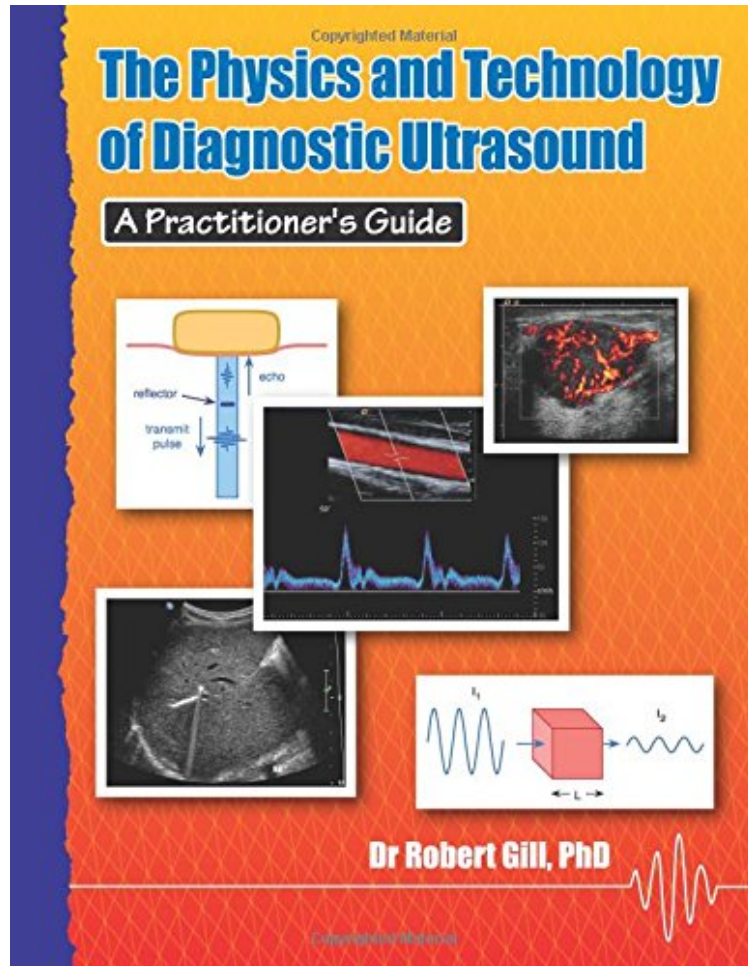


The Physics and Technology of Diagnostic Ultrasound: A Practitioner's Guide

Robert Gill

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Robert Gill : The Physics and Technology of Diagnostic Ultrasound: A Practitioner's Guide before purchasing it in order to gage whether or not it would be worth my time, and all praised The Physics and Technology of Diagnostic Ultrasound: A Practitioner's Guide:

This book has been written by one of Australia's leading ultrasound educators to help medical professionals develop a sound understanding of the physics and technology of ultrasound. It is intended for use either in self-guided study or as a textbook for formal university and professional courses of study. Unfortunately many health professionals find the physics and technology of ultrasound difficult to understand. This book, based on decades of experience teaching

ultrasound physics and technology to medical practitioners and sonographers, aims to make the subject as accessible as possible. The author is renowned for his ability to make difficult concepts understandable, as the following comments show. Stunning. A tour de force. I am sure it will become the new standard physics textbook in Australasia and perhaps the world. There simply isn't anything like this out there. Martin Necas, Sonographer Educator, Hamilton, New Zealand. Rob Gill has a unique ability to describe the often complicated concepts of ultrasound physics in a way that is easy to understand. For this reason, Rob is always my go-to-guy for any questions that I have regarding this topic. So I have no doubt that his textbook on Ultrasound Physics will be embraced as a must-have study tool and teaching guide for all those in the field of medical ultrasound. Bonita Anderson, Author (Echocardiography: The Normal Examination and Echocardiographic Measurements), Senior Lecturer, Queensland University of Technology, Echo Educator, The Prince Charles Hospital. I've ... chosen to find aspects of physics that I have found to be poorly explained in all the other books available - thank you for having such an ability to bring these concepts into language understood by poor mortals. I am truly impressed. The overall initial impression is - this is the book we've all been waiting for Sue Davies, Program Director, Australian Institute of Ultrasound, Gold Coast, Queensland.

About the Author Over several decades Robert contributed to the development of medical diagnostic ultrasound technology as a research scientist. He published more than 70 scientific publications, 150 conference papers and authored 4 patents. He also worked with clinical researchers to develop new applications of ultrasound, most notably in fetal Doppler. He always enjoyed teaching and this is now his primary occupation. He has written and published a popular textbook (The Physics and Technology of Diagnostic Ultrasound: A Practitioners Guide, High Frequency Publishing, Sydney, Australia, 2012) which has been widely adopted by universities, colleges and professional organisations. He has recently released a companion Study Guide. He has also developed several online courses. He teaches in a number of graduate and professional ultrasound courses and is an Adjunct Associate Professor at the University of New South Wales.