



Quality Control of Real - Time Medical Ultrasound Equipment

By Awad, Fathi / Yassin, Mamdouh

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Ultrasonic imaging is one of the most important, developing diagnostic tools today used by a diverse professional cohort, for a wide range of clinical applications and contexts. For more than 40 years, medical ultrasound imaging has been largely used by sonographers and doctors, in various disciplines such as radiology, obstetrics and gynecology, vascular surgery and cardiology. Recently, the clinical application of medical ultrasound in the health and education contexts has grown. For example, rheumatologists, instead of simply relying on palpation of anatomy, use ultrasound imaging to guide targeted injections into bursa, joints and tendons. Quality Control (QC) is part of a Quality Assurance (QA) protocol that has become of primary interest in hospitals, in particular in those where (ISO) certification has been introduced. In QA, there are two levels that can be distinguished: (a) testing of technical specifications of the equipment, and (b) testing of the performance from the user's point of view. In case of medical ultrasound, the latter may be summarized by 'imaging performance'. | Format: Paperback | Language/Sprache: english | 56 pp.



READ ONLINE
[4.55 MB]

Reviews

The best publication I ever study. It is really basic but unexpected situations within the fifty percent of your publication. Your lifestyle period is going to be enhance as soon as you total reading this article publication.

-- Ashton Kassulke

It is one of my personal favorite publication. It is actually really fascinating through reading through period of time. It has been printed in an extremely basic way in fact it is just after I finished reading through this ebook by which basically transformed me, change the way in my opinion.

-- David Weber