



Quality Control of Real - Time Medical Ultrasound Equipment

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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.



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