



ADVANCES IN MEDICAL DIAGNOSTIC TECHNIQUES AND PROCEDURES

MEGHA SINGH
S. RADHAKRISHNAN

KEY SELLING POINTS

- ◆ Up to date laboratory techniques with clinical applications
- ◆ International multi-authored collection
- ◆ Value for money

BOOK INFORMATION

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Medical diagnosis has made significant progress due to the availability of newer technologies, leading to better understanding of the internal structure and functioning of the human body.

This volume contains recent developments, with the emphasis on telemedicine, biomedical instrumentation, artificial neural network modelling, biomedical imaging, hemorheological techniques and drug delivery systems.

These articles, which provide in-depth knowledge and the latest breakthroughs, will prove to be valuable in the future development of these disciplines through the interaction between engineering, medicine and science.

Contents: Detecting Failure in Biological Systems – A Network Approach; Recent Advances and Future Directions in Ultrasonic Diagnosis of tissues; Non-invasive Investigation of the Relationship between Electrical and Metabolic Cerebral Activity by Multimodal Functional Imaging; Diagnostic Reference Levels Nuclear Medicine Imaging; Poisson Generalized Additive Model – A New Technique to Evaluate the Visual Field; Analysis of Foot Pressure Images for Different Levels of Foot Sole Sensory Loss and Thickness in Diabetes; Non-Dimensional Indices for Physiological Assessment

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