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Titolo	A textbook of medical instruments // S. Ananthi
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (588 p.)
Disciplina	610.28 681.75
Soggetti	Medical instruments and apparatus
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Preface; Contents; Chapter 1. Electrophysiological Measurements; Chapter 2. Electrocardiography; Chapter 3. Circulatory System; Chapter 4. The brain and the Central Nervous System; Chapter 5. Electromyography (EMG); Chapter 6. Respiratory Testing Instruments; Chapter 7. E.N.T. and Ophthalmic Instruments; Chapter 8. Ultrasound Medical Diagnostic Instrumentation; Chapter 9. X-Rays Instruments; Chapter 10. CT Scanning; Chapter 11. Magnetic Resonance Imaging (MRI); Chapter 12 Surgical Instruments; Chapter 13. Some New Development in Medical Instruments Chapter 14. Signal Processing in Medical Instrumentation Chapter 15. Safety Measures in Bio-Medical Instruments; Chapter 16 Electro Chemical Instruments; Chapter 17. Patient Monitoring System and Bio-Telemetry; Chapter 18. Practical Electronic Medical Laboratory Experiments; Chapter 19. Recorders in Medical Instruments; Chapter 20. Computers and Medical Data Base Management Including Web; References; Index
Sommario/riassunto	About the Book: This book has therefore subdivided the realm of medical instruments into the same sections like a text on physiology and introduces the basic early day methods well, before dealing with the details of present day instruments currently in use. Some principles of diagnosis are also included in order that a new researcher could

understand the requirements of the Physician rather than blindly proceed in his developments using his knowledge of circuitry, software and methods of signal processing. Further, medical diagnostic practice has been conservative in preserving the acumen the

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