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Nota di contenuto	1 Technical errors & artefacts -- 2 Sinus Node Dysfunction -- 3 The P wave & The PR segment -- 4 Narrow QRS Tachycardias -- 5 Atrial flutter -- 6 Atrial fibrillation -- 7 Short PR interval, Ventricular preexcitation -- 8 Atrioventricular accessory path (The Kent bundle) -- 9 Tachyarrhythmias associated with preexcitation -- 10 Atrioventricular Block -- 11 Third degree atrioventricular block (Complete atrioventricular block), Atrioventricular dissociation -- 12 Site and etiology of atrioventricular block -- 13 Stokes-Adams' attacks -- 14 Cardiac Pacing Systems and their normal functioning -- 15 Pacemaker malfunctions -- 16 Ventricular ectopic beats -- 17 Broad QRS Tachycardias -- 18 Ventricular tachyarrhythmias -- 19 The Q Wave -- 20 Subtle ECG changes in early phase of anterior and lateral myocardial infarction -- 21 Inferior or Posterior myocardial infarction -- 22 Mid-late QRS changes suggestive of myocardial necrosis -- 23 Right ventricular infarction -- 24 Left bundle branch block (Delay in left ventricular depolarization delay) -- 25 Left bundle branch block (Delay in left ventricular depolarization) and myocardial necrosis -- 26 Left anterior fascicular block (LAFB) (Delay in left anterosuperior depolarization) (Left anterior hemiblock LAHB) -- 27 Left

posteroinferior fascicular block (delay in depolarization of the posteroinferior fascicle) -- 28 RIGHT BUNDLE BRANCH BLOCK (RBBB) (Delay in right ventricular depolarization) -- 29 Multifascicular blocks (delayed conduction in more than one fascicle) -- 30 Other localized intraventricular conduction defects -- 31 Chronic left ventricular volume overload -- 32 Left Ventricular systolic overload (Pressure overload) -- 33 Chronic right ventricular volume overload -- 34 Chronic right ventricular pressure overload(Systolic overload) -- 35 Acute right ventricular pressure overload- Acute pulmonary embolism -- 36 Biventricular enlargement/ hypertrophy/overload -- 37 Hypertrophic cardiomyopathy(HCM) -- 38 Low voltage electrocardiogram -- 39 J Point and the J wave syndrome -- 40 ST-segment elevation -- 41 ST-segment Depression -- 42 T wave - Normal variations and Flat T wave -- 43 Prominent (tall) T waves -- 44 Inverted T waves -- 45 The QT interval -- 46 The U wave -- 47 Electrical Alternans -- 48 Electrocardiogram in asymptomatic, acyanotic congenital heart disease -- 49 Electrocardiogram in a neonate presenting with heart failure -- 50 Utility of electrocardiogram in a cases presenting with heart failure in infancy (after neonatal period) -- 51 Electrocardiogram in children/ adolescents/ adults with cyanosis due to congenital cardiovascular disease.

Sommario/riassunto

The present is bundled with several unique features. It provides up-to-date information on electrocardiograms for almost all electrocardiographic abnormalities covers all aspects of surface electrocardiography in detail. Summaries follow all book chapters for quick revision and MCQs for self-assessment. This book will be helpful to clinicians, fellows in medicine preparing for different careers in cardiology, and ECG technicians and their teachers. The purpose of writing this book - While teaching undergraduates, postgraduates in general medicine, and students of diploma course in cardiac instrument technology, I realized that the students did not have the knowledge of basic concepts of electrocardiography and did not know the clinical significance of various abnormalities. Students, therefore, felt that the subject was difficult to understand and of no clinical significance. Students, therefore, did not feel interested. There was a need for a book that could simplify the subject to the ground level for a beginner who does not know even the basics of electrocardiography. Most of the books in this field are targeted towards cardiologists with an understanding that the reader already has enough knowledge of the basic concepts of electrocardiography. MCQs are the cornerstone for learning, teaching, and evaluation. None of the books in the market gives the idea of MCQs in electrocardiography. What problem does this book solve for the readers? - This book explains various normal and abnormal findings with the help of diagrams and illustrative electrocardiograms. Clinical implications of multiple abnormalities are discussed. This makes the subject easy to understand and to interest for a beginner. MCQs will help the readers in self-assessment. MCQs will also help teachers and examiners in evaluating the students.