DESCRIPTION

The ECG is a fundamental diagnostic tool in cardiology, allowing accurate diagnosis and monitoring of acute and chronic ischemic heart disease. In this most comprehensive book of its kind, internationally renowned authors correlate electrocardiographic recordings with anatomical patterns of myocardial ischemia to improve the diagnosis and management of patients with ischemic heart disease.

The book is structured in two sections. Part One covers electrocardiographic patterns of ischemia, injury and infarction.

• Each chapter discusses a different ECG abnormality in turn, clearly explaining the ischemic insults and electrophysiological mechanisms underlying each pattern to promote rapid and accurate interpretation of the ECG in the clinical setting.
• ECG abnormalities are correlated with myocardial anatomy and coronary angiography to produce a series of practical diagnostic algorithms that allow the clinician to identify not only the occluded artery but the precise location of the occlusion within the artery, facilitating appropriate therapeutic decisions.
• The authors also propose a new classification of Q-wave myocardial infarctions based on imaging correlations with advanced techniques such as contrast-enhanced cardiac magnetic resonance.

Part Two of the book covers the ECG in clinical practice. Each chapter focuses on a different clinical syndrome, describing the role of the ECG in a global approach to the diagnosis, prognosis and risk stratification of patients with acute and chronic ischemic heart disease and guiding clinical decision-making.
Extensively referenced and illustrated throughout, this book is highly recommended for any clinician involved in the diagnosis and management of ischemic heart disease.

ABOUT THE AUTHOR

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Prof. Antonio Bayés is a Professor of Cardiology in the Universidad Autónoma de Barcelona, and Director of the Institut Catala Cardiologia-Hospital Sant Pau. He was trained as a cardiologist in the School of Cardiology of the University of Barcelona, and the Institute of Cardiology and Hammersmith Hospital in London. He has served as President of the Catalan Society of Cardiology; President of the Spanish Society of Cardiology; President of the Catalan Foundation of Cardiology (ACARD); Vice-President of the Spanish Foundation of Cardiology; and President of the World Heart Federation. He has established different projects devoted to the fight against cardiovascular diseases, especially in developing countries such as “The twin centres program”, “The white book in world cardiology” and the yearly “World Heart Day”. He is President of the International Society for Cardiovascular Pharmacotherapy (ISCP).

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FEATURES

- Improves the diagnosis and management of patients with ischemic heart disease

- Internationally renowned authors correlate electrocardiographic readings with anatomical patterns of myocardial ischemia
● Extensively referenced to make easy connections and correlations

● Illustrated throughout to maximize understanding

● Highly recommended for any clinician involved in the diagnosis and management of ischemic heart disease

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