

Features:

- Offers practical, comprehensive coverage of real-world ECGs across a range of point-of-care settings, explaining not only how to interpret the data, but the implications of ECG findings for clinical management.
- Covers recent advances in pacemaker and implantable cardioverter-defibrillator technology; myocardial ischemia and infarction; arrhythmias, including atrial fibrillation, ventricular tachycardias and sudden cardiac arrest syndromes; drug toxicities; cardiac monitoring, including wearable devices; cardiomyopathies and COVID-19.
- Features nearly 300 high-quality illustrations, with an abundance of quick reference information highlights, including key pathophysiologic concepts, reminders, clinical pearls, and key points, as well as more than 250 review questions online.
- Discusses basic principles of electrophysiology in an easily understandable format for students and non-cardiologists.
- Enhanced eBook version included with purchase. Your eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Περιεχόμενα:

1. Essential Concepts: What is an ECG?
2. ECG Basics: Waves, Intervals, and Segments
3. How to Make Basic Measurements
4. ECG Leads
5. The Normal ECG
6. Electrical Axis and Axis Deviation
7. Atrial and Ventricular Enlargement
8. Ventricular Conduction Disturbances: Bundle Branch Blocks and Related Abnormalities
9. Myocardial Ischemia and Infarction, Part I: ST Segment Elevation and Q Wave Syndromes
10. Myocardial Infarction and Ischemia, Part II: Non-ST Segment Elevation and Non-Q Wave Syndromes
11. Drug Effects, Electrolyte Abnormalities, and Metabolic Disturbances
12. Pericardial, Myocardial, and Pulmonary Syndromes
13. Sinus and Escape Rhythms
14. Supraventricular Arrhythmias, Part I: Premature Beats and Paroxysmal Supraventricular Tachycardias
15. Supraventricular Arrhythmias, Part II: Atrial Flutter and Atrial Fibrillation
16. Ventricular Arrhythmias
17. Atrioventricular (AV) Conduction Disorders, Part I: Delays, Blocks, and Dissociation Syndromes
18. Atrioventricular (AV) Conduction Abnormalities, Part II: Preexcitation (Wolff-Parkinson-White) Patterns and Syndromes
19. Bradycardias and Tachycardias: Review and Differential Diagnosis
20. Digitalis Toxicity

21. Sudden Cardiac Arrest and Sudden Cardiac Death Syndromes
22. Pacemakers and Implantable Cardioverter-Defibrillators: Essentials for Clinicians
23. Interpreting ECGs: An Integrative Approach
24. Limitations and Uses of the ECG
25. ECG Differential Diagnoses: Instant Replays