

Section 1 Introduction to the Interpretation of the Electrocardiogram

Section 2 Conduction Disturbances: Sinus Node Disease/Sick Sinus Syndrome, AV Conduction Disturbances, AV Blocks, Bundle Branch Blocks, and Fascicular Blocks

Section 3 Miscellaneous Phenomena: Concealed Conduction, Superabnormalities, Aberrancy Conduction, Premature Atrial and Ventricular Contractions (PACs and PVCs)

Section 4 Preexcitation Syndromes

Section 5 Early Repolarization (ECG Pattern and the Syndrome)

Section 6 Long and Short QT Syndromes

- A. Long QT Syndrome
- B. Short QT Syndrome
- C. Torsades de Pointes
- D. Other Proarrhythmias

Section 7 Brugada Syndrome

Section 8 Narrow QRS Complex Arrhythmias

- A. Inappropriate Sinus Tachycardia
- B. Sinus Node Reentrant Tachycardia
- C. Atrial Tachycardia/Atrial Flutter
- D. Atrioventricular Nodal Reentrant Tachycardia
- E. Atrioventricular Reentrant Tachycardia
- F. Atrial Fibrillation
- G. Junctional Rhythms

Section 9 Wide Complex Arrhythmias

- A. Ventricular Tachycardia/Fibrillation
- B. Supraventricular Tachycardia (SVT) with Bundle Branch Block (BBB)

C. Preexcited Tachycardia

D. Idioventricular Rhythm

Section 10 Ischemia and Infarction

Section 11 Electrolyte Disturbances, Pharmacological and Recreational Agents

Section 12 Paced Rhythms and Device Troubleshooting

Section 13 Heart Failure, LVH, and Cardiomyopathies

A. Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy (ARVD/C)

B. Hypertrophic Cardiomyopathy (HCM)

C. Dilated Cardiomyopathy (DCM)

D. Chagas Cardiomyopathy

E. Takotsubo (Stress) Cardiomyopathy

F. Non-Compaction Cardiomyopathy

G. Pericarditis

H. Other Cardiomyopathies

Section 14 Congenital Heart Diseases

Section 15 Special Considerations: Age, Race, Gender, and Athletes

Section 16 Syncope and ECG Troubleshooting