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Nota di contenuto	Dynamic Electrocardiography; Contents; Contributors; Foreword; Preface; SECTION I Heart Rate Variability; Physiological Background of Heart Rate Variability; Standard Measurement of Heart Rate Variability; Nonlinear Dynamics of RR intervals; Correlations Among Heart Rate Variability Components and Autonomic Mechanisms; Physiological Understanding of HRV Components; Autonomic Balance; Heart Rate Variability:Stress and Psychiatric Conditions; Circadian Rhythm of Heart Rate and Heart Rate Variability; Time -Frequency Analysis of Heart Rate Variability Under Autonomic Provocations Effects of DrugsHeart Rate Variability in Healthy Populations:Correlates and Consequences; Heart Rate Variability in Ischaemic Disease; Heart Rate Variability in Heart Failure; Heart Rate Variability in Diabetes and Neuropathies; SECTION II Barorefex; Physiological Background of Barore .ex; Invasive Determination of Baroreflex Sensitivity; Noninvasive Provocations of Baroreflex Sensitivity; Analysis of the Interactions Between Heart Rate and Blood Pressure Variabilities; Arterial Baroreflexes in Ischaemic Heart Disease,and Their Role in Sudden Cardiac Death; Heart Rate Turbulence on Holter

Heart Rate Turbulence in Pacing StudiesPhysiological Hypotheses on Heart Rate Turbulence; Heart Rate Turbulence in Ischaemic Heart Disease; SECTION III Ischaemic Patterns; Electrocardiographic Background; Dynamics of Silent Ischaemia; Dynamics of ST Segment in Ischaemic Heart Disease; Spatial Patterns of ST Segment Shift During Myocardial Ischaemia; ST Segment Trend Monitoring of Acute Chest Pain Patients; Circadian Patterns of Ischaemic Episodes; Electrocardiographic Findings in Patients with Cardiovascular Syndrome X; SECTION IV Ventricular Repolarization
Cellular Basis for the Repolarization Waves of the ECGIndividual QT/RR Relationships; Circadian Patterns of QTc Interval; QT Dispersion; Morphological Assessment of T Wave Patterns; Circadian Pattern of T Wave Morphology; QT Interval Dynamics During Exercise; T Wave and QT Interval Changes Related to Myocardial Ischaemia; Influence of Rhythm Abnormalities on Ventricular Repolarization; Dynamics of Acquired long QT Syndrome; Electrocardiogram of Brugada Syndrome and its Dynamic Patterns; Electrocardiographic T Wave Changes in Left Ventricular Hypertrophy; Macro T Wave Alternans
Microscopic T Wave AlternansT Wave Alternans in Ischaemic Heart Disease; Dynamic Repolarization Changes and Arrhythmia Risk Assessment in Nonischaemic Heart Disease; SECTION V Atrial Fibrillation; Pathophysiology of the Atrial Fibrillation Electrogram; P Wave Abnormalities before AF Episodes; Dynamics of atrial electrogram in AF; Detection of Paroxysmal Atrial Fibrillation Episodes; Circadian Pattern of AF Paroxysms; Monitoring After Cardioversion of Atrial Fibrillation; Heart Rate Pro .le in Chronic Atrial Fibrillation; Monitoring of Heart Rate Control in Atrial Fibrillation
Autonomic Infuence of Atrial Fibrillation

Sommario/riassunto

Two well-known and respected editors have assembled an outstanding group of electrophysiologists/physicians to write a major work representing the field of electrocardiography as we know it today. This book contains all the major subject areas within the field of electrocardiography with significant clinical and basic content to appeal to the entire electrophysiology community in addition to educating cardiologists with the latest information. The fact that Drs. Malik and Camm have edited this work assures a volume of incredible quality and readability.