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Nota di contenuto	Contents; List of contributors; Foreword; Part 1 Mechanisms of VT; 1 The role of spatial dispersion of repolarization and intramural reentry in inherited and acquired sudden cardiac death synd; 2 Mechanisms of ventricular tachycardia: underlying pathological and physiological abnormalities; Part 2 Etiologies and syndromes; 3 Time-dependent gender differences in the clinical course of patients with the congenital long-QT syndrome; 4 Genetics of ventricular arrhythmias; 5 Arrhythmogenic right ventricular dysplasia/cardiomyopathy 6 Risk stratification and the implantable defibrillator for the prevention of sudden death in hypertrophic cardiomyopathyPart 3 Catheter and surgical ablation; 7 Mapping and ablation of ventricular tachycardia after myocardial infarction; 8 Mapping and ablation of ventricular tachycardia in nonischemic cardiomyopathy; 9 Mapping to define scars and isthmuses: a new paradigm for guiding ventricular tachycardia

ablation; 10 Ablation of idiopathic ventricular tachycardias; 11 Ablation of ventricular fibrillation; 12 Ablation of ventricular tachycardia in congenital heart disease
13 Role of imaging techniques in catheter ablation of ventricular tachycardia
14 Epicardial ablation of ventricular tachycardia; 15 Role of catheter control systems in ablation of ventricular tachycardia; 16 Current surgical techniques for ischemic ventricular tachycardia; Part 4 Epidemiology, risk stratification, and pharmacological therapy for ventricular tachycardia and sudden death; 17 Epidemiology and etiologies of sudden cardiac death; 18 Non-invasive tests for risk stratification in ischemic and non-ischemic cardiomyopathy
19 Risk stratification: where we are and where do we go from here
20 Pharmacological management of ventricular arrhythmias; Part 5 Ventricular fibrillation and defibrillation; 21 The mechanisms of ventricular fibrillation; 22 Mechanisms of defibrillation; 23 Automatic external defibrillation and public access defibrillator response; 24 Advances in cardiopulmonary resuscitation; 25 Advances in implantable defibrillator therapy and technologies; 26 ICD lead extraction: when, why, and how?; Index

Sommario/riassunto

Ventricular arrhythmias and sudden death are responsible for hundreds of thousands of deaths each year throughout the world. Covering the most recent developments in this field, this leading text serves as a guide to this area of increasing clinical importance, addressing a wide range of topics, including: basic mechanisms of ventricular tachycardia and ventricular fibrillation; clinical syndromes and etiologies; epidemiology and risk stratification; pharmacologic therapy; ablation and surgery; implantable defibrillators. Ventricular Arrhythmias and Sudden Cardiac Dea
