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Descrizione fisica	1 online resource (720 pages) : illustrations (chiefly color)
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section I. Introduction. Evolution of the coronary care unit: past, present, and future -- Ethical issues of care -- Physical examination -- Section II. Scientific foundation of cardiac intensive care. The role of the cardiovascular system in coupling the external environment to cellular respiration -- Regulation of cardiac output -- Coronary physiology and pathophysiology -- Pathophysiology of acute coronary syndromes: plaque rupture and atherothrombosis -- Regulation of hemostasis and thrombosis -- Section III. Coronary artery disease. Acute myocardial infarction -- Diagnosis of acute myocardial infarction -- Use of the electrocardiogram in acute myocardial infarction -- Reperfusion therapies for acute ST- elevation myocardial infarction -- Adjunctive pharmacologic therapies in acute myocardial infarction -- Complications of acute myocardial infarction -- Post-myocardial infarction cardiogenic shock -- Right ventricular infarction -- Mechanical complications of acute myocardial infarction -- Supraventricular and ventricular arrhythmias in acute myocardial infarction -- Conduction disturbances in acute myocardial infarction -- Complications of percutaneous interventional procedures -- Section IV. Noncoronary diseases: diagnosis and management. Acute heart failure and pulmonary edema -- Acute fulminant myocarditis -- Stress (Takotsubo) cardiomyopathy -- Distributive shock -- Cardiorenal syndrome -- Sudden cardiac death -- Diagnosis and treatment of

ventricular tachycardia -- Diagnosis and treatment of unstable supraventricular tachycardia -- Acute presentations of valvular heart disease -- Hypertensive emergencies -- Acute aortic syndromes: diagnosis and management -- Acute pericardial disease -- Acute respiratory failure -- Massive acute pulmonary embolism -- Pulmonary hypertension -- Hemodynamically unstable presentations of congenital heart disease in adults -- Overdose of cardiotoxic drugs -- Section V. Pharmacologic agents in the cardiac intensive care unit. Anticoagulation: antithrombin therapy -- Anti-platelet therapy -- Inotropic and vasoactive agents -- Intensive diuresis and ultrafiltration -- Antiarrhythmic electrophysiology and pharmacotherapy -- Analgesics, tranquilizers, and sedatives -- Pharmacologic interactions -- Section VI. Advanced diagnostic and therapeutic techniques: indications and technical considerations. Central venous access procedures -- Temporary pacing -- Pericardiocentesis -- Invasive hemodynamic monitoring -- Temporary mechanical circulatory support devices -- Ventricular assist device therapy in advanced heart failure -- Heart transplantation for advanced heart failure -- Emergency airway management -- Mechanical ventilation -- Cardiopulmonary cerebral resuscitation after cardiac arrest -- Palliative care.

Sommario/riassunto

"Using a multidisciplinary, team-oriented approach, this unique title expertly covers all the latest approaches to the assessment, diagnosis, and treatment of patients with critical cardiac illness. Led by Dr David L. Brown, a stellar team of authoritative writers guides you through cardiac pathophysiology, disease states presenting in the CICU, and state-of-the-art advanced diagnosis and therapeutic techniques. A visually appealing format, new chapters, and thorough updates ensure that you stay on the cutting edge of this rapidly advancing field"-- Publisher's description.
