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Nota di contenuto	Chapter 01 Basic Cardiovascular Anatomy -- Chapter 02 Basic Cardiovascular Physiology -- Chapter 03 Basic cardiovascular pharmacology -- Chapter 04 Basic ECG and Common Arrhythmias for the Cardiac Surgery Patient -- Chapter 05 Preoperative evaluation and risk assessment for the cardiac surgery patient -- Chapter 06 A Guide to Interpreting Preoperative Cardiac Studies -- Chapter 07 Medically optimizing the cardiac surgical patient -- Chapter 08 Cardiac Operating Room Setup and Preparation of the Patient for Surgery -- Chapter 09 Intraoperative Hemodynamic monitoring for the cardiac surgery patient -- Chapter 10 The fundamentals of Transthoracic Echocardiography (TTE) and the Focused Assessment with Sonography in Trauma (FAST) examination -- Chapter 11 Common Pathophysiologic Findings on TTE and FAST Examination -- Chapter 12 The Fundamentals of Transesophageal Echocardiography -- Chapter 13 Fundamentals of Cardiopulmonary Bypass Machine Equipment and Technique -- Chapter 14 Myocardial Preservation During Cardiopulmonary Bypass -- Chapter 15 Blood Conservation in Cardiac Surgery -- Chapter 16 Anesthetic Management During Cardiopulmonary Bypass -- Chapter 17 Weaning from Cardiopulmonary Bypass and Management of Difficulties -- Chapter 18 Anesthetic management for Conventional myocardial revascularization -- Chapter 19 Anesthetic management AND Surgical Considerations for the Patient Undergoing Off-Pump Coronary Artery Bypass Grafting -- Chapter 20

Anaesthesia for endovascular Thoracic Aortic Aneurysm repair (TEVAR)  
-- Chapter 21 Anesthetic management for valvular heart disease --  
Chapter 22 Anesthetic Management for Thoracic Aortic Procedures --  
Chapter 23 Anesthetic Management for Minimally Invasive Cardiac  
Surgery -- Chapter 24 Anesthetic management for heart failure and  
Transplantation -- Chapter 25 Anesthetic management for Pulmonary  
Thromoendarterectomy -- Chapter 26 The Complications of Cardiac  
Surgery -- Chapter 27 Anesthesia for cardioversion and cardiac  
ablation procedures -- Chapter 28 Anesthesia for Watchman procedure  
-- Chapter 29 Anesthesia for TAVR procedure -- Chapter 30 Anesthetic  
Considerations for Transcatheter Mitral Valve Repair with the MitraClip  
Device -- Chapter 31 Anesthesia for Laser Lead Extraction -- Chapter  
32 Understanding Devices in the cardiac operating room -- Chapter 33  
Anaesthesia for endovascular aortic Aneurysm repair (EVAR) -- Chapter  
34 Anesthesia for Open Abdominal Aortic Aneurysm -- Chapter 35  
Anesthesia for Lower Extremity Bypass -- Chapter 36 Anesthesia for  
Carotid Endarterectomy -- Chapter 37 Anesthesia considerations for  
upper extremity arteriovenous fistulas -- Chapter 38 Post-Operative  
Care for The Adult Cardiac Surgery Patient.

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#### Sommario/riassunto

This concise book meets the market need for an accessible and up-to-date guide on understanding and managing cardiac anesthesia patients. It reflects the continual evolution of the very complex field of cardiac anesthesia. Organized into 10 sections, beginning chapters comprehensively examine the foundational concepts of cardiovascular function. The book then functions as a practical guide for clinical settings, including patient evaluation, operating room and anesthetic management, and postoperative care. Each chapter is authored by experienced cardiac anesthesiologists and many are supplemented by high quality, images, videos and tables. Written for the student, trainee, and junior cardiac anesthesiologist, *Cardiac Anesthesia: The Basics of Evaluation and Management* covers the core concepts needed to treat the cardiac surgery patient and to the skillset needed to succeed in this field.

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