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Altri autori (Persone)	MavroudisConstantine BackerCarl L
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Connections (or Cardiac Alignments); Atrial Situs; Ventricular Loop;
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Lesions; Description of Cardiac Lesions; Consensus Definitions;
Nomenclature, Definitions, and Classification Controversies; Summary;
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and Extracardiac Shunts; Venous Return
Cardiac Output, Oxygenation, and Distribution Intracardiac and Vascular
Pressures; Circulatory Changes at Birth; The Transition; Closure of the
Ductus Arteriosus; Pulmonary Circulation; Myocardial Performance;
Fetal Surgery; Fetal Cardiac Surgery; Animal Models of Congenital
Lesions; Cardiopulmonary Bypass and the Placenta; Understanding
Placental Hemodynamics; The Fetal Stress Response; Role of the
Endothelium in Placental Dysfunction; Understanding the Fetal Bypass
Circuit; Fetal Myocardial Protection; Miscellaneous Factors; Future
Directions; References
CHAPTER 4: Preoperative Diagnostic Evaluation Introduction; History;
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Silhouette; Aortic Arch; Lung Parenchyma; Electrocardiography;
Preoperative Echocardiography; Atrial Septal Defects; Ventricular Septal
Defects; Tetralogy of Fallot; Truncus Arteriosus; Common
Atrioventricular Canal; d-Transposition of the Great Arteries;
Coarctation of the Aorta; Hypoplastic Left Heart Syndrome; Cardiac
Magnetic Resonance Imaging; Applications of Cardiac MRI; Intracardiac
Shunts; Tetralogy of Fallot (TOF)
Pulmonary Blood Supply in Patients with Pulmonary Atresia

Sommario/riassunto

Pediatric cardiac surgery is a dynamic, fast-moving field. Busy practitioners, like you, need clear and comprehensive guidance you can rely on to ensure optimal patient care. For over 25 years Pediatric Cardiac Surgery has been the gold-standard reference for pediatric and adult congenital heart surgeons, pediatric and congenital cardiologists, intensivists, anesthesiologists, residents and nurses. Now, in this thoroughly revised fourth edition, you again get trusted, complete coverage of the field with timely new features and expert reviews of critical topics incl
