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Titolo	Echocardiography in pediatric and adult congenital heart disease // edited by Benjamin W. Eidem, MD, FACC, FASE, Professor of Pediatrics and Medicine, Divisions of Pediatric Cardiology and Cardiovascular diseases, College of Medicine, Mayo Clinic, Rochester, Minnesota, Patrick W. O'Leary, MD, FACC, FASE, Professor of Pediatrics and Medicine, Divisions of Pediatric Cardiology and Cardiovascular Diseases, College of Medicine, Mayo Clinic, Rochester, Minnesota, Frank Cetta, MD, FACC, FASE, Professor of Pediatrics and Medicine, Divisions of Pediatric Cardiology and Cardiovascular Diseases, College of Medicine, Mayo Clinic, Rochester, Minnesota
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Descrizione fisica	1 online resource (x, 720 pages) : illustrations (some color)
Disciplina	616.1/207543
Soggetti	Congenital heart disease Echocardiography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Previous edition: 2010.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Principles of Cardiovascular Ultrasound -- 2. Practical Issues Related to the Examination, Anatomic Image Orientation, and Segmental Cardiovascular Analysis -- 3. Quantitative Methods in Echocardiography-Basic Techniques -- 4. Quantitative Methods in Echocardiography-Advanced Techniques for the Assessment of Ventricular Function -- 5. Anomalies of the Pulmonary and Systemic Venous Connections -- 6. Abnormalities of Atria and Atrial Septation -- 7. Atrioventricular Septal Defects -- 8. Ebstein's Malformation and Tricuspid Valve Diseases -- 9. Echocardiographic Assessment of Mitral Valve Abnormalities -- 10. Congenitally Corrected Transposition of the Great Arteries -- 11. Ventricular Septal Defects -- 12. Univentricular Atrioventricular Connections -- 13. Abnormalities of Right Chapter Ventricular Outflow

-- 14. Abnormalities of Left Ventricular Outflow -- 15. Tetralogy of Fallot -- 16. d-Transposition of the Great Arteries -- 17. Double-Outlet Right and Left Ventricles -- 18. Truncus Arteriosus -- 19. Patent Ductus Arteriosus and Aortopulmonary Window -- 20. Abnormalities of the Aortic Arch -- 21. Marfan Syndrome: Aortic Aneurysm and Dissection -- 22. Hypertrophic Cardiomyopathy -- 23. Additional Cardiomyopathies -- 24. Pericardial Disorders -- 25. Systemic Diseases -- 26. Vascular Abnormalities -- 27. Cardiac Tumors -- 28. Evaluation of the Transplanted Heart -- 29. Pulmonary Hypertension -- 30. Echocardiography in the Diagnosis and Management of Endocarditis -- 31. Evaluation of Prosthetic Valves -- 32. Fetal Echocardiography -- 33. Three-Dimensional Echocardiography in Congenital Heart Diseases -- 34. Stress Echocardiography -- 35. Intracardiac and Intraoperative Transesophageal Echocardiography -- 36. Interventional Echocardiography in Congenital Heart Disease -- 37. Echocardiographic Assessment of Mechanical Circulatory Support -- 38. Cardiac Magnetic Resonance and Computed Tomographic Imaging in Congenital Heart Disease -- 39. Evaluation of the Adult with Transposition after Atrial or Arterial Switch Operations -- 40. Tetralogy of Fallot with Pulmonary Regurgitation -- 41. Echocardiographic Evaluation of the Functionally Univentricular Heart after Fontan "Operation" -- 42. Eisenmenger Syndrome.

Sommario/riassunto

"This comprehensive resource is edited by experts at the Mayo Clinic-- a world-renowned center for echocardiography. In this revision, the editors incorporate new imaging strategies in the diagnosis of congenital heart disease in both pediatric and adult populations. In particular, more detail on 3-D echo, information on the proper usage of TEE, and the increasing importance of followup MRI is presented. Based on reviewer comments, the editors include more MRI angiograms, more detailed information on prosthetic valve and posttransplant care, and more correlative anatomic examples in relevant chapters"--
