Record Nr. UNINA9910798155903321 Congenital heart defects: from origin to treatment / / edited by Diego **Titolo** F. Wyszynski, Adolfo Correa-Villasenor, Thomas P. Graham Pubbl/distr/stampa Oxford, [England]:,: Oxford University Press,, 2010 ©2010 **ISBN** 0-19-970605-0 Descrizione fisica 1 online resource (561 p.) Disciplina 616.1/2043 Soggetti Congenital heart disease Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto Contents; Contributors; Part I: Clinical and Molecular Embryology of the Cardiovascular System; 1. Molecular Developmental Biology of the Cardiovascular System; 2. Developmental Cardiovascular Physiology; 3. Vascularization of the Developing Heart: Implications for Congenital and Acquired Disease; Part II: Diagnosis and Management of Congenital Heart Defects; 4. Noninvasive Imaging of Congenital Heart Defects; 5. Novel Methods to Screen for Heart Disease in Infants; 6. Cardiac Catheterization; 7. Heritable Cardiac Channelopathies; 8. The Practice of Perinatal Cardiology 9. Intracardiac Left to Right Shunt Lesions 10. Anomalous Pulmonary Venous Connections; 11. Left Ventricular Outflow Tract Obstruction; 12. Right Ventricular Outflow Tract Obstruction; 13. Nonsyndromic Conotruncal Anomalies; 14. Hypoplastic Left Ventricle; 15. Ebstein Anomaly: A Disorder Involving the Right Ventricle and the Tricuspid Valve; Part III: Special Management Issues; 16. Heart Transplantation; 17. Congenital Heart Defects in Adults; 18. Pregnancy and Congenital Heart Disease; 19. Neurodevelopmental Aspects of Congenital Heart **Defects** 20. Psychological Aspects of Congenital Heart Disease in Children 21. Psychological Aspects of Adults with Complex Congenital Heart Defects; 22. The Exercise and Rehabilitation Needs of Children and Adolescents with Congenital Heart Defects, and Their Parents: 23.

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Sommario/riassunto

Congenital Heart Defects (CHDs) are the most frequently occurring birth defect, affecting over 25,000 infants a year in the US. This text serves as the definitive reference on the subject, coving all aspects of these malformations. The text includes chapters on the development, epidemiology, genetics, diagnosis, management and prevention of CHDs, and includes additional discussions of the public health and ethical issues of CHDs.