Record Nr. UNINA9910977986003321 Autore Paul Amal Titolo Manual of Echocardiography for Congenital Heart Diseases / / by Amal Paul Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9789819602438 9819602432 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (290 pages) Disciplina 616.12 Soggetti Cardiology Cardiography Cardiovascular system Physiology Cardiovascular Physiology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto 1. Echocardiographic Principles -- 2. Echocardiographic Views -- 3. Segmental Anatomy and Cardiac Malpositions -- 4. Shunt Lesions -- 5. Atrioventricular Septal Defects -- 6. Right Ventricular Inflow Anomalies -- 7. Right Ventricular Outflow Tract Anomalies -- 8. Anomalies of Pulmonary Veins, Left Atrium and Left Ventricular Inflow -- 9. Left Ventricular Outflow Tract Anomalies -- 10. Tetralogy of Fallot -- 11. Transposition of Great Arteries (TGA) -- 12. Single Functional Ventricle -- 13. Systemic Venous Anomalies -- 14. Coronary Artery Anomalies -- 15. Congenital Cardiomyopathies, Pulmonary Hypertension, and Other Anomalies -- 16. Diagnostic Probabilities at the Bedside. This book is a ready-reckoner which deals with the echocardiographic Sommario/riassunto evaluation of congenital heart diseases (CHD). It has been prepared with the objective of enabling all echocardiographers, especially the ones who do not deal with CHD routinely, to perform a complete 2D echocardiographic study on patients with congenital cardiac anomalies of varying complexities. Anatomic variants and classifications of each

anomaly are discussed in detail inorder to provide a broader perspective of the conditions being dealt with. Clinically relevant

measurements and indices are covered to a great extent, equipping the examiner with all the necessary elements to prepare a complete final report. Special attention has been given to the evaluation of post-operative patients, who constitute the majority of adult CHD patients today. The book has been prepared in a concise manner, highlighting the most important points in each section. Most of the congenital cardiac anomalies have been dealt with comprehensively from the perspective of echocardiographic assessment. This manual provides all relevant details pertaining to the 2D echocardiographic diagnosis of congenital cardiac anomalies in a point-by-point format, which can come handy while dealing with complex cases, especially the rarer variants. This will be a valuable tool in the armour of every echocardiographer, including cardiologists, intensivists, anaesthetists, neonatologists, trainees, and interns.