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Titolo	Case-Based Textbook of Echocardiography // edited by Anita Sadeghpour, Azin Alizadehasl
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Disciplina	616.1207543
Soggetti	Cardiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Basic principles of echocardiography -- Transthoracic echocardiography, Standard windows and echocardiographic views, appropriateness criteria, and clinical implications -- Transesophageal echocardiography Standard windows and echocardiographic views, appropriateness criteria, and clinical implications -- Sedation in Transesophageal echocardiography -- Basic of 3D echocardiography, clinical use in daily practice -- Basic principles of fetal echocardiography -- Handheld echocardiography and Pocket-size imaging devices -- Pitfalls and artefacts -- Contrast Echocardiography -- Chamber quantification -- Echocardiography evaluation of LV systolic function, systolic dysfunction and ventricular dyssynchrony -- Echocardiographic assessment of Myocardial Mechanics: Velocity, Strain, Strain rate ant Torsion -- Echocardiographic evaluation of the diastolic function and dysfunction -- Echocardiographic evaluation of the right heart -- How to assess the left and right atria in clinical practice -- Use of echocardiography in hypertension -- Echocardiographic assessment of native valvular heart disease -- Echocardiographic assessment of prosthetic valves -- Infective Endocarditis -- Pericardial disease -- Dilated cardiomyopathy and Myocarditis -- Hypertrophic cardiomyopathies -- Restrictive cardiomyopathies -- Unclassified cardiomyopathies (ARVC, LVNC) -- Echocardiography in coronary artery disease -- Echocardiographic assessment of Coronary Blood Flow -- Stress echocardiography --

Echocardiography evaluation of congenital heart disease --  
Intraoperative transesophageal echocardiography -- The Role of  
Echocardiography in Mitral Valve Repair -- Intraprocedural  
transesophageal echocardiography -- Echocardiography in the critical  
care -- Echocardiography and Pulmonary Hypertension -- Heart  
transplantation -- Echocardiography in Patients With Ventricular Assist  
Devices -- Cardiac masses and tumors -- Cardiac source of emboli --  
Disease of the aorta -- Role of echocardiography in arrhythmia --  
Echocardiography in systemic diseases -- Echocardiography End-Stage  
Renal Disease -- Echocardiography in Pregnancy -- Echocardiography  
in Trauma -- Aging changes in Echocardiography -- Echocardiography  
in Obesity -- Normal values and Useful formulas in echocardiography.

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Sommario/riassunto

This volume is a step-by-step educational textbook covering basic to advanced echocardiography that is helpful to all residents, fellows and clinicians in cardiology, internal medicine, cardiac surgery, interventional cardiology and pediatric cardiology. It is designed to rationalise and instruct readers on the rapid development in echocardiographic techniques, including real-time three-dimensional echocardiography, strain/strain rate imaging, and speckle tracking, which have greatly expanded the capabilities of cardiac imaging while overshadowing the importance of the basics of echocardiography. Case-Based Textbook of Echocardiography offers a comprehensive review of echocardiography from basic to advanced, including practical points from recently published ASE/EACVI guidelines and explanatory movies and figures. It will be of great interest for all trainee cardiologists and provide experienced echocardiographers with a thorough reference on the topic.

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