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Titolo	Percutaneous and Non-fluoroscopical (PAN) Procedure for Structural Heart Disease // by Xiangbin Pan, Ziyad M. Hijazi, Horst Sievert
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Soggetti	Cardiology Radiology Ultrasound Ecocardiografia Cirurgia cardíaca Anestèsia en cardiologia Llibres electrònics
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Nota di contenuto	Introduction -- Anesthesia Management in Echocardiography-guided Percutaneous Interventions for Structural Heart Disease -- Use of Echocardiography in Percutaneous Interventions for Structural Heart Disease -- Echocardiography-guided Interventional Atrial Septal Defect Closure -- Echocardiography-guided Interventional for Pulmonary Stenosis -- Echocardiography-guided Interventional Patent Ductus Arteriosus Closure -- Echocardiography-guided Interventional Closure of Perimembranous Ventricular Septal Defect -- Echocardiography-guided Interventional Left Atrial Appendage Closure -- Echocardiography-guided Percutaneous Interventional for Mitral Valve Stenosis -- Echocardiography-guided Percutaneous Interventional for Aortic Valve Stenosis -- Echocardiography-guided Percutaneous Interventional for Coarctation of Aorta -- Post-procedural Management of Echocardiography-guided Percutaneous Interventions.
Sommario/riassunto	This book provides an extensive discussion of echocardiography-guided percutaneous interventional techniques for clinical practitioners, including cardiologists, interventional physicians,

surgeons and specialist training candidates. It allows readers to gain a thorough understanding of interpreting echocardiography-guided procedures, which not only protect patients from pain and other complications associated with conventional surgery, but also obviate the use of fluoroscopy or contrast agents and so avoid radiation damage and the risks of allergy or renal function impairment. Further, these procedures could help to save patients in areas lacking medical resources. The book first demonstrates the substitution of transesophageal for transthoracic echocardiography to avoid intubation under general anesthesia, and then presents key technical and practical aspects of echo-guided percutaneous interventions for structural heart diseases, such as ASD, VSD, PDA, PS, MS, AS and CoA. Lastly, it explores the lessons learned in echocardiography, anesthesia and postprocedural management of echo-guided percutaneous interventions.
