

1. Record Nr.	UNINA9910254547403321
Autore	Yin Wei-Hsian
Titolo	Atlas of Perioperative 3D Transesophageal Echocardiography : Cases and Videos / / by Wei-Hsian Yin, Ming-Chon Hsiung
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
ISBN	981-10-0587-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIV, 207 p. 610 illus., 605 illus. in color.)
Disciplina	616.12
Soggetti	Cardiology Chest - Surgery Radiology Thoracic Surgery Ultrasound
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Disease of Mitral Valve -- Disease of Aortic Valve -- Disease of Tricuspid and Pulmonary Valves -- Prosthetic Valves -- Disease of Aorta -- Coronary Artery Disease -- Congenital Heart Disease -- Cardiomyopathies -- Infective Endocarditis -- Tumor and Mass Lesion -- Others.
Sommario/riassunto	This book presents a series of over 50 cases in 3D transesophageal echocardiography. In each case, background information is followed by a step-by-step approach to patient diagnosis and postoperative outcomes. The book's most outstanding highlight consists in over 600 illustrations, which mainly focus on 3D transesophageal echocardiography in combination with 2D transesophageal echocardiography, X-ray fluoroscopy and computed tomography to demonstrate the various cardiovascular pathologies. Since the echo images obtained in clinic practice are moving images, it also includes more than 450 videos, which effectively supplement the static illustrations. The atlas is divided into 11 chapters. Chapters 1 through 3 describe abnormalities affecting mitral, aortic, tricuspid and pulmonary valves, while prosthetic valves are discussed in Chapter 4. Chapter 5 details abnormalities of the aorta. Chapters 6-8 examine

coronary artery disease, congenital heart disease and cardiomyopathies, while Chapter 9 explores cases of infective endocarditis. Chapter 10 deals with tumor and mass lesions, and the other cases are collectively addressed in Chapter 11. Offering a valuable new resource, the book will enhance the usefulness of echocardiography during operations as a “third eye” for surgeons. Editor Wei-Hsian Yin is Chief of the Division of Cardiology, Cheng-Hsin General Hospital, Taipei. Editor Ming-Chon Hsiung is a Physician at the same department.
