

1. Record Nr.	UNINA9910877079203321
Titolo	Cardiovascular interventions in clinical practice // edited by Jurgen Haase ... [et al.]
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, NJ, : Wiley-Blackwell, 2010
ISBN	1-282-68342-X 9786612683428 1-4443-1670-2 1-4443-1671-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (745 p.)
Altri autori (Persone)	HaaseJurgen, Prof. Dr.
Disciplina	616.1/06
Soggetti	Cardiovascular system - Diseases - Treatment Heart - Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cardiovascular Interventions in Clinical Practice; Contents; List of Contributors; Preface; SECTION 1 Septal Defects and Valvular Heart Disease; PART A Atrial and Ventricular Septal Defects; 1 Pathology of Atrial and Ventricular Septal Defects; 2 Echocardiography of Atrial and Ventricular Septal Defects; 3 MRI of Atrial and Ventricular Septal Defects; 4 Catheter Closure of Atrial and Ventricular Septal Defects; 5 Catheter Closure of Patent Foramen Ovale; 6 Surgical Closure of Atrial and Ventricular Septal Defects; PART B Aortic Stenosis; 7 Pathology of Aortic Stenosis 8 Echocardiography of Aortic Stenosis9 MRI of Aortic Stenosis; 10 Surgical Replacement of the Aortic Valve; 11 Percutaneous Implantation of Aortic Valve Prostheses; PART C Aortic Insufficiency; 12 Pathology of Aortic Insufficiency; 13 Echocardiography of Aortic Insufficiency; 14 MRI of Aortic Insufficiency; 15 Surgical Reconstruction of the Aortic Valve; PART D Mitral Stenosis; 16 Pathology of Mitral Stenosis; 17 Echocardiography of Mitral Stenosis; 18 MRI of Mitral Stenosis; 19 Catheter-based Mitral Valvuloplasty; 20 Surgical Management of Mitral Stenosis; PART E Mitral Insufficiency 21 Pathology of Mitral Insufficiency22 Echocardiography of Mitral

Insufficiency; 23 MRI of Mitral Insufficiency; 24 Surgical Management of Mitral Insufficiency; 25 Perspectives on Percutaneous Mitral Valve Repair; SECTION 2 Coronary Heart Disease; 26 Pathology of Coronary Artery Disease; 27 Computed Tomography for the Detection of Coronary Artery Disease; 28 Invasive Coronary Arteriography for Assessment of Coronary Artery Disease; 29 Stress Echocardiography for Functional Assessment of Coronary Artery Disease; 30 MRI for Functional Assessment of Coronary Artery Disease
PART A Invasive Assessment of the Unstable Coronary Lesion31
Grayscale Intravascular Ultrasound and Virtual Histology of the Unstable Coronary Lesion; 32 Optical Coherence Tomography of the Unstable Coronary Lesion; 33 Thermography of the Unstable Coronary Lesion;
PART B Percutaneous Coronary Intervention; 34 Coronary Stent Technology; 35 Adjunctive Techniques for PCI; 36 Percutaneous Coronary Intervention for Acute Myocardial Infarction; 37 Complex Percutaneous Coronary Interventions-Left Main, Bifurcation, and Ostial Disease; 38 Percutaneous Coronary Intervention in Multivessel Disease
39 Percutaneous Coronary Intervention for Chronic Total Occlusions40
Percutaneous Coronary Intervention for the Treatment of Saphenous Vein Grafts; 41 Pharmacology in the Cardiac Catheterization Laboratory; 42 Magnetic Navigation in Percutaneous Coronary Intervention; 43 Arterial Revascularization of Coronary Artery Disease; 44 Cell Therapy after Acute Myocardial Infarction; SECTION 3 Aortic Coarctation, Aneurysms, and Dissections; 45 Pathology of Aortic Coarctation, Aneurysm, and Dissection; 46 Echocardiographic Assessment of Aortic Aneurysms and Dissections
47 MSCT for Assessment of Aortic Coarctation, Aneurysms, and Dissections

Sommario/riassunto

Until the publication of this exciting volume, new treatment modalities in the rapidly growing field of interventional cardiology were described based on individual research findings. Now, a multidisciplinary team of international experts puts catheter-based treatment techniques in context by exploring the pathobiology of specific diseases alongside a discussion of imaging tools and functional tests, and a comparison to alternative treatment approaches provided by cardiovascular surgery. This comprehensive overview of interventional cardiology represents a landmark in the field.
