

Table of Contents

- 1 Individualized Assessment for Percutaneous or Surgical-Based Revascularization
- 2 Evidence-Based Interventional Practice
- 3 Diabetes
- 4 Noninvasive Evaluation: Functional Testing, Multidetector Computed Tomography, and Stress Cardiac MRI
- 5 Intracoronary Pressure and Flow Measurements
- 6 Contrast-Induced Acute Kidney Injury and the Role of Chronic Kidney Disease in Percutaneous Coronary Intervention
- 7 Radiation Safety During Cardiovascular Procedures
- 8 Coronary and Valvular Intervention Prior to Noncardiac Surgery
- 9 Sex and Ethnicity Issues in Interventional Cardiology
- 10 Platelet Inhibitor Agents
- 11 Anticoagulation in Percutaneous Coronary Intervention
- 12 Thrombolytic Intervention
- 13 Other Adjunctive Drugs for Coronary Intervention: Beta-Blockers, Calcium-Channel Blockers, and Angiotensin-Converting Enzyme Inhibitors
- 14 Coronary Stenting: Practical Considerations, Equipment Selection, Tips and Caveats
- 15 Coronary Stenting
- 16 Bioresorbable Coronary Scaffolds
- 17 Drug-Eluting Balloons
- 18 Elective Intervention for Stable Angina or Silent Ischemia
- 19 Intervention for Non-ST-Segment Elevation Acute Coronary Syndromes
- 20 Percutaneous Coronary Intervention in Acute ST-Segment Elevation Myocardial Infarction
- 21 Post-Percutaneous Coronary Intervention Hospitalization, Length of Stay, and Discharge Planning
- 22 Interventions in Cardiogenic Shock
- 23 Bifurcations and Branch Vessel Stenting
- 24 Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Stenosis
- 25 Complex and Multivessel Percutaneous Coronary Intervention
- 26 Intervention for Coronary Chronic Total Occlusions
- 27 Bypass Graft Intervention
- 28 The Thrombus-Containing Lesion
- 29 Complications of Percutaneous Coronary Intervention
- 30 Periprocedural Myocardial Infarction and Embolism-Protection Devices
- 31 Access Management and Closure Devices
- 32 Transradial Access for Cardiovascular Catheterization and Intervention
- 33 Role of the Cardiac Surgeon and the Heart Team
- 34 Restenosis
- 35 Role of Adjunct Devices: Atherectomy, Cutting Balloon, and Laser
- 36 Supported Percutaneous Intervention
- 37 Regional Centers of Excellence for the Care of Patients With Acute Ischemic Heart Disease
- 38 Diagnosis and Treatment of Coronary Microvascular Disease
- 39 Lower Extremity Interventions
- 40 Upper Extremities and Aortic Arch
- 41 Chronic Mesenteric Ischemia: Diagnosis and Intervention
- 42 Renal Artery Stenosis
- 43 Device Therapy for Resistant Hypertension

- 44 Aortic Vascular Interventions (Thoracic and Abdominal)
- 45 Venous Intervention
- 46 Carotid and Cerebrovascular Intervention
- 47 Stroke Centers and Interventional Cardiology
- 48 Imaging for Intracardiac Interventions
- 49 Percutaneous Closure of Patent Foramen Ovale and Atrial Septal Defect
- 50 Left Atrial Appendage Closure and Stroke: Local Device Therapy for Cardioembolic Stroke Protection
- 51 Mitral Valvuloplasty
- 52 Percutaneous Mitral Valve Repair and Replacement
- 53 Balloon-Expandable Transcatheter Aortic Valve Replacement Systems
- 54 Self-Expanding Transcatheter Aortic Valve Replacement
- 55 Percutaneous Transcatheter Valve-in-Valve Implantation
- 56 Pulmonary Valve Interventions
- 57 Percutaneous Tricuspid Valve Repair
- 58 Hypertrophic Cardiomyopathy
- 59 Percutaneous Balloon Pericardiotomy for Patients With Pericardial Effusion and Tamponade
- 60 Transcatheter Therapies for Congenital Heart Disease
- 61 Stem Cell Therapy for Ischemic Heart Disease
- 62 Percutaneous Treatment of Paravalvular Leak
- 63 Interventional Heart Failure
- 64 Qualitative and Quantitative Coronary Angiography
- 65 Intravascular Ultrasound
- 66 The Dynamic Spectrum of Coronary Atheroma: From Atherogenesis to Vulnerable Plaque to Plaque Regression
- 67 Optical Coherence Tomography
- 68 Medical Economics in Interventional Cardiology
- 69 Quality of Care in Interventional Cardiology
- 70 Volume and Outcome