

1. Record Nr.	UNINA9910380728303321
Titolo	Cardiac Surgery [[electronic resource]] : A Complete Guide // edited by Shahzad G. Raja
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-24174-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIV, 1089 p. 625 illus., 424 illus. in color.)
Disciplina	617.412
Soggetti	Cardiology Cardiac surgery Cardiac Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cardiac Cathetrization -- Fractional Flow Reserve -- Echocardiography -- Cardiac Computed Tomography & Magnetic Resonance Imaging -- Assessment Of Myocardial Viability -- Intraoperative Transesophageal Echocardiography -- Blood Conservation Strategies In Cardiac Surgery -- Inotropes & Constrictors -- Cardiac Pacing In Adults -- Adult Cardiopulmonary Bypass -- Myocardial Protection -- Heparin-Induced Thrombocytopenia -- Tissue Sealant -- Conduits For Coronary Artery Bypass Surgery -- Endoscopic Saphenous Vein & Radial Artery Harvesting -- Conventional Coronary Artery Bypass Graft Surgery -- Off-Pump Coronary Artery Bypass Graft Surgery -- Minimally Invasive Direct Coronary Artery Bypass -- Total Endoscopic Coronary Artery Bypass -- Reoperation For Coronary Artery Disease -- Hybrid Coronary Revascularisation -- Bilateral Internal Mammary Artery Grafting -- Total Arterial Revascularisation -- Anastomotic Devices For Coronary Artery Surgery -- Postinfarction Ventricular Septal Defect -- Ischaemic Mitral Regurgitation -- Ventricular Aneurysms -- Coronary Endarterectomy -- Transmyocardial Revascularization -- Gene Therapy For Coronary Artery Disease -- Combined Carotid And Coronary Artery Disease -- Coronary Artery Aneurysms And Fistulas -- Mechanical Prosthetic Valves -- Stented Bioprosthetic Valves -- Stentless Xenograft Valves -- Homografts -- Bentall & Mini-Bentall Aortic Root Replacement -- Aortic

Valve Sparing Root Replacement -- Aortic Valve Repair -- The Small Aortic Root -- The Ross Operation -- Bicuspid Aortic Valve & Aortopathy -- Mitral Valve Replacement -- Techniques For Mitral Valve Repair -- Mitral Valve Repair For Barlow Valve -- Mitral Valve Repair In Rheumatic Mitral Disease -- Native Valve Endocarditis -- Prosthetic Valve Endocarditis -- Tricuspid Valve Surgery -- Minimally Invasive Aortic Valve Surgery -- Minimally Invasive Mitral Valve Surgery -- Transcatheter Aortic Valve Therapies -- Transcatheter Pulmonary Valve Replacement -- Transcatheter Mitral Valve Therapies -- Transcatheter Tricuspid Valve Therapies -- Carcinoid Heart Disease -- Acute Type A Aortic Dissection -- Acute Type B Aortic Dissection -- Chronic Type B Aortic Dissection -- Aortic Intramural Haematoma & Penetrating Aortic Ulcer -- Ascending Aortic Aneurysms -- Descending Thoracic Aortic Aneurysms -- Aortic Arch Aneurysms -- Hybrid Aortic Arch Repair -- Endovascular Stent Grafting Of Thoracic Aorta -- Neuroprotective Strategies During Aortic Surgery -- Sinus Of Valsalva Aneurysms -- Elephant Trunk Procedures -- Porcelain Ascending Aorta -- Marfan Syndrome -- Pharmacologic Support Of The Failing Heart -- Cardiac Resynchronization Therapy For Heart Failure -- Intraaortic Balloon Pump -- Extracorporeal Life Support In The Adult -- Temporary Circulatory Support Devices -- Circulatory Support Devices For Chronic Support & Destination Therapy -- Cardiac Transplantation -- Heart-Lung Transplantation -- Immunosuppression In Cardiac Transplantation -- Complications Of Heart Transplantation -- Cardiac Tumours -- Concomitant Cardiac And Thoracic Operations -- Trauma To The Heart And Great Vessels -- Pericardial Disease -- Pulmonary Thromboendarterectomy -- Surgical Management Of Atrial Fibrillation -- Hypertrophic Cardiomyopathy -- Left Ventricular Volume Reduction -- Neurocognitive Dysfunction After Cardiac Surgery -- Renal Failure After Cardiac Surgery -- Bleeding & Re-Exploration After Cardiac Surgery -- Sternal Wound Infection -- Atrioventricular Disruption -- Paediatric Cardiopulmonary Bypass And Hypothermic Circulatory Arrest -- Myocardial Protection In Children -- Paediatric Extracorporeal Membrane Oxygenation & Mechanical Circulatory Assist Devices -- Valve Replacement In Children -- Palliative Operations For Congenital Heart Disease -- Coronary Artery Disease In Children -- Congenital Aortic Stenosis -- Atrial Septal Defects -- Total Anomalous Pulmonary Venous Connection -- Isolated Ventricular Septal Defect -- Patent Ductus Arteriosus -- Aortopulmonary Window -- Coarctation Of The Aorta -- Pulmonary Valve Stenosis -- Truncus Arteriosus -- Transposition Of The Great Arteries -- Congenitally Corrected Transposition Of The Great Arteries -- Tetralogy Of Fallot -- Hypoplastic Left Heart Syndrome -- Aortic Arch Interruption -- Pulmonary Atresia With Intact Ventricular Septum -- Complete Atrioventricular Canal -- Double Outlet Right Ventricle -- Ebstein's Anomaly -- Vascular Rings & Pulmonary Artery Slings -- Congenital Mitral Valve Disease -- Pediatric Cardiac Transplantation.

Sommario/riassunto

This textbook provides a succinct overview of cardiac surgery, with key concepts being emphasized throughout. An abundance of illustrations, intra-operative photographs, tables as well as information boxes, aids the reader to visualise, grasp and retain difficult concepts. The inclusion of evidence-based approaches to the management of a range of cardiac surgical conditions equips the reader with an understanding of how to overcome a variety of potentially tough clinical challenges. Concise Cardiac Surgery: A Complete Guide comprehensively covers a range of techniques used in cardiac surgery. It is therefore, an ideal resource for the trainee and practising cardiac surgeon seeking a practically focused text detailing how to apply the latest techniques and

evidence-based approaches in their day-to-day practice. .
