- 1 Anatomy of the Thorax
- 2 Radiologic Imaging of Thoracic Abnormalities
- 3 Preoperative Evaluation of Patients Undergoing Thoracic Surgery
- 4 Perioperative Care of the Thoracic Surgical Patient (ERAS etc).
- 5 Endoscopic Diagnosis of Thoracic Disease
- 5 Blood Conservation, transfusion and conservation
- 6 Endoscopic Therapies for Thoracic Diseases
- 7 Thoracic Trauma
- 8 Tracheal Lesions
- 9 Congenital Lung Diseases
- 10 Benign Lesions of the Lung
- 11 Coronary angiography: valve and hemodynamic assessment
- 11 Interventional Cardiology
- 11 Interstitial Lung Diseases
- 11 Surgical Anatomy of the heart

12 Cardiovascular magnetic resonance Imaging and Computed tomography in cardiovascular diagnosis

- 12 Infectous Lung Diseases
- 12 Vascular Physiology
- 13 Transcatheter aortic valve replacement
- 13 Surgery for Emphysema
- 13 Nuclear cardiology and positron emission tomography in cardiovascular diagnosis
- 13 Physiology of the Myocardium
- 14 Ventricular Mechanics
- 14 Lung Transplantation
- 14 Diagnostic and Interventional echocardiograpy in cardiovascular diagnosis
- 15 Blood Coagulation, Transfusion and Conservation
- 15 Screening for Lung Cancer: Challenges for the Thoracic Surgeon
- 16 Lung Cancer Workup and Staging

- 17 Neuropsychologic deficits and stroke
- 17 Cardiopulmonary bypass: Technique and pathophysiology
- 17 Lung Cancer: Surgical Treatment
- 18 Cardiac devices for the treatment of bradyarrythmias and tachyarrhythmias
- 18 Coronary artery bypass grafting
- 18 Robotic and less invasive approaches to coronary artery bypass grafting
- 18 Surgery of the aortic root and ascending aorta
- 18 Treatment of acute and late complications of aortic dissection
- 18 Clinical quality and safety in adult cardiac surgery
- 18 Type A aortic dissection
- 18 Surgery of the aortic arch
- 18 Descending thoracic and thoracoabdominal Aortic Surgery
- 18 Type B aortic dissection
- 18 Off pump coronary artery bypass grafting
- 18 Redo coronary artery bypass surgery
- 18 Lung Cancer: Minimally Invasive Approaches
- 18 Conduit choice for coronary artery bypass grafting
- 18 Valve replacement therapy: History, valve types and options
- 18 Deep sternal wound infection
- 18 Myocardial protection
- 19 Catheter ablation of cardiac arrhythmias
- 19 Lung Cancer: Multimodal Therapy
- 19 Endovascular therapy for the treatment of thoracic aortic pathology
- 19 Surgical treatment of aortic valve disease
- 20 Lung Cancer: Surgical Strategies for Tumors Invading the Chest Wall

20 Occlusive disease of the brachiocephalic vessels and management of simultaneous carotid and coronary disease

- 20 Aortic valve repair
- 20 Surgical treatment of cardiac arrhythmias

- 21 Surgical treatment of mitral valve disease
- 21 Percutaneous intervention on abdominal and peripheral artery disease
- 21 Anterior Approach to Superior Sulcus Lesions
- 22 Injury to the heart and great vessels
- 22 Other Primary Tumors of the Lung
- 22 Surgical treatment of tricuspid valve disease
- 23 Secondary Lung Tumors
- 23 Native and prosthetic valve endocarditis
- 24 Anticoagulation, thrombosis and thromboembolism of prosthetic cardiac valves
- 24 Congenital Chest Wall Deformities
- 25 Robotic and minimally invasive cardiac valve surgery
- 25 Chest Wall Tumors
- 26 Thoracic Outlet Syndrome and Dorsal Sypathectomy
- 27 Spontaneous Pneumothorax
- 28 Empyema
- 29 Chylothorax
- 30 Malignant Pleural and Pericardial Effusions
- **31** Pleural Tumors
- 32 Surgery of the Diaphragm: A deductive Approach
- 33 Congenital Diaphragmatic Hernia
- 34 Esophageal Anatomy and Function
- 35 Surgery for Congenital Lesions of the Esophagus
- 36 Surgical Treatment of Benign Esophageal Diseases
- 37 Staging Techniques for Carcinoma of the Esophagus
- 38 Esophageal resection and replacement
- 39 Multimodality Therapy for Esophageal Cancer
- 40 Mediastinal Anatomy and Mediastinoscopy
- 41 Anterior Mediastinal Masses

- 42 The Middle Mediastinum
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- 44 Surgical Treatment of Hyperhidrosis
- 45 Molecular Biology of Thoracic Malignancies
- 46 Innovative Therapy and Technology
- 47 Surgical anatomy of the heart
- 48 Vascular physiology
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53 Cardiovascular magnetic resonance Imaging and Computed tomography in cardiovascular diagnosis

- 54 Nuclear cardiology and positron emission tomography in cardiovascular diagnosis
- 55 Diagnostic and interventional echocardiography in cardiovascular diagnosis
- 56 Interventional cardiology
- 57 Medical management of acute coronary syndromes
- 58 Pharmocologic management of heart failure
- 59 Transcatheter aortic valve replacement
- 60 Transcatheter treatment of mitral and tricuspid valve disease
- 61 Anesthesia and intraoperative care of the adult cardiac surgical patient
- 62 Critical Care for the adult cardiac patient
- 63 Critical care for war-related thoracic injuries
- 64 NEUROCOGNITIVE DEFICITS AND STROKE
- 65 Cardiopulmonary bypass: Technique and pathophysiology
- 66 Extracorporeal Membrane Oxygenation
- 67 Deep sternal wound infection
- 68 Myocardial protection
- 69 Pediatric anesthesia and critical care

- 69 Clinical quality and safety in adult cardiac surgery
- 70 Surgery of the aortic root and ascending aorta
- 70 Enhanced recovery after congenital cardiac surgery
- 71 Surgery of the aortic arch
- 72 Descending thoracic and thoracoabdominal Aortic Surgery
- 73 Type A aortic dissection
- 74 Type B aortic dissection
- 75 Treatment of acute and late complications of aortic dissection
- 76 Endovascular therapy for the treatment of thoracic aortic pathology

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- 82 Aortic valve repair
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- 85 Native and prosthetic valve endocarditis
- 86 Anticoagulation, thrombosis and thromboembolism of prosthetic cardiac valves
- 87 Robotic and minimally invasive mitral valve surgery
- 88 Cardiac devices for the treatment of bradyarrythmias and tachyarrhythmias
- 89 Catheter ablation of cardiac arrhythmias
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- 91 Coronary artery bypass grafting
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- 97 Post infarction ventricular septal defect and ventricular rupture
- 98 Non-atheroclerotic coronary artery disease
- 99 Pericardium and constrictive pericarditis
- 100 Surgical management of hypertrophic cardiomyopathy
- 101 Ventricular assist devices and total artificial heart
- 102 Heart transplantation
- 103 Heart Lung transplantation
- 104 Left ventricular restoration: Surgical treatment of the failing heart
- 105 Regenerative therapy for the treatment of cardiac disease
- 106 Surgery for pulmonary thromboembolic disease
- 107 Tumors of the heart
- 108 Cardiac Embryology And Genetics
- 109 Segmental anatomy

110 Diagnostic imaging: echocardiography, magnetic resonance imaging, and cardiac computed tomography

- 111 3d image reconstruction and surgical planning
- 112 Cardiac catheterization and fetal intervention
- 113 Surgical approaches and cardiopulmonary bypass in pediatric cardiac surgery
- 114 Mechanical circulatory support in children
- 115 Pediatric Anesthesia and Critical Care

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- 119 Atrial septal defect and cor triatriatum
- 120 Surgical considerations in pulmonary vein anomalies
- 121 Atrioventricular canal defects

122 Ventricular septal defect and double-outlet right ventricle

- 123 Pulmonary atresia with intact ventricular septum
- 124 Tetralogy of fallot with pulmonary stenosis

125 Pulmonary atresia with ventricular septal defect and right ventricle-to-pulmonary artery conduits

- 126 Truncus arteriosus and aortopulmonary window
- 127 Interrupted aortic arch
- 128 Surgery for congenital anomalies of the aortic valve and aortic root
- 129 Surgery for congenital anomalies of the coronary arteries
- 130 Transposition of the great arteries: simple and complex forms
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- 132 Congenital anomalies of the mitral valve
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- 134 Management of single ventricle and cavopulmonary connections
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- 138 Impact of the covid19 pandemic on cardiothoracic surgery