

## **Table of Contents:**

### **I. Cardiovascular**

- Chapter 1 Cardiac Anatomy
- Chapter 2 Cardiac Physiology
- Chapter 3 Hypertension
- Chapter 4 Dyslipidemia
- Chapter 5 Coronary artery disease
- Chapter 6 Valvular heart disease
- Chapter 7 Aortic dissection
- Chapter 8 Cardiac arrhythmias
- Chapter 9 Cardiomyopathy
- Chapter 10 Pericardial disease
- Chapter 11 Congenital heart disease
- Chapter 12 Preoperative evaluation
- Chapter 13 Hemodynamics monitoring and vasoactive medications
- Chapter 14 Anesthesia for cardiac surgery
- Chapter 15 Coronary artery bypass grafting
- Chapter 16 Valvular heart surgery
- Chapter 17 Cardiac transplantation
- Chapter 18 Ventricular assist devices
- Chapter 19 Management of the postsurgical patient with cardiac disease
- Chapter 20 Emergency bedside sternotomy

### **II. Thoracic**

- Chapter 21 Pulmonary disorders
- Chapter 22 Thoracic surgery procedures
- Chapter 23 Lung transplantation
- Chapter 24 Management of the postoperative thoracic surgery patient