Contents

Contributors, vii
Preface, xi
Foreword, xiii

1 Diagnosis, epidemiology, and risk factors, 1
   Zaza Iakobishvili, Harmony R. Reynolds, and David Hasdai

2 Pathophysiology, 26
   Steven M. Hollenberg

3 General management: pharmacotherapy and mechanical ventilation, 45
   Alexander Geppert and Vladimír Džavík

4 Left ventricular pump failure: general considerations for management, 78
   Arashk Motiei, David R. Holmes, Jr., and Christopher E. Buller

5 Pathophysiology and management of shock due to right heart ischemia, 107
   James A. Goldstein

6 Ventricular septal rupture and tamponade, 128
   Kellan E. Ashley and Venu Menon

7 Valvular heart disease in cardiogenic shock, 149

8 Cardiogenic shock in other heart diseases: Acute decompensation of chronic heart failure, myocarditis, transient apical ballooning syndrome, peripartum cardiomyopathy, hypertrophic cardiomyopathy, restrictive cardiomyopathies, and thyrotoxicosis, 172
   Fredric Ginsberg and Joseph E. Parrillo
9 The role for mechanical circulatory support for cardiogenic shock, 200
   Joseph G. Rogers and Carmelo A. Milano

10 Percutaneous coronary intervention for cardiogenic shock, 220
   Eric R. Bates

11 Coronary artery bypass grafting, 240
   Cheuk-Kit Wong and Harvey D. White

Index, 257

Author Disclosure Table, 266