Contents

Preface ................................................................. vii

Contributors ......................................................... xi

1 Surgical Perspectives ............................................. 1
   Jai Raman

2 Pathophysiology—Clinical Spectrum and Current Management ............... 11
   Mahesh P. Gupta and Jai Raman

3 Strategies in Surgical Management ................................ 23
   Irving L. Kron, R. Ramesh Singh, James D. Bergin, and Benjamin B. Peeler

4 Advanced Heart Failure: Transplant vs Nontransplant Surgical Options ........ 41
   Stephen Westaby and Gabriele Bertoni

5 Transplantation for End-Stage Heart Disease ........................................ 71
   David C. McGiffin and James K. Kirklin

6 OPCAB Treatment for Heart Failure .................................................. 99
   Mercedes Dullum and Jai Raman

7 Circulatory Support for Bridging to Recovery or Transplantation ................. 111
   Francis D. Pagani

8 Left Ventricular Reconstruction in Ischemic Cardiomyopathy ..................... 137
   Salim Aziz, Constantine Athanasuleas, and Jai Raman

9 Modifications of the Dor Procedure and Failure Modes of the Procedure .......... 153
   Jai Raman

10 Mitral Valve Repair .................................................... 161
   Yoshikazu Suzuki, Martinus T. Spoor, and Steven F. Bolling
11 Destination Therapy with Permanent Mechanical Circulatory Assist Devices  
Murali Macherla and Valluvan Jeevanandam

12 Enabling Techniques and Technologies  
Patricia Gramling-Babb, Valluvan Jeevanandam, Jai Raman, David Song, 
Hilton M. Hudson II, and John Paul Williams

13 Catheter-Based and Surgical Therapy for Ventricular Tachycardia  
Bradley P. Knight, J. Massen, Gil Bolotin, and Jai Raman

14 Catheter Ablation for Atrial Fibrillation in Patients with Heart Failure  
Bradley P. Knight

15 Surgical Therapy for Atrial Fibrillation  
G. Bolotin and J.G. Maessen

16 Pacing Therapies, Defibrillators, and Post-Operative Arrhythmias  
Bradley P. Knight

17 Ventricular Containment, Shape Change, and Infarct Restraint  
Jai Raman

18 Other Techniques in Special Circumstances: Pulmonary 
Thromboendarterectomy in Right Heart Failure  
Michael M. Madani and Stuart W. Jamieson

19 Surgical Management of Pediatric Heart Failure and Heart Failure 
due to Congenital Heart Disease  
Emile A. Bacha

20 Anesthetic Management and Hemodynamic Management  
Mark A. Chaney

21 Perioperative and ICU Care, Fluid Management, and Renal Support  
Rinaldo Bellomo and Patrick Murray

22 New Therapies and What Is on the Horizon  
Keiichi Tambara and Masashi Komeda

Index
Management of Heart Failure
Volume 2: Surgical
Raman, J. (Ed.)
2008, XII, 321 p., Hardcover
ISBN: 978-1-84800-103-9