

Table of Contents

<i>Preface</i>	ix
<i>Acknowledgments</i>	xi
1. Synopsis of Adult Cardiac Surgical Disease.....	1
2. Diagnostic Techniques in Cardiac Surgery.....	85
3. General Preoperative Considerations and Preparation of the Patient for Surgery	129
4. Cardiac Anesthesia	173
5. Cardiopulmonary Bypass.....	227
6. Myocardial Protection	263
7. Admission to the ICU and Monitoring Techniques	279
8. Early Postoperative Care	301
9. Mediastinal Bleeding.....	345
10. Respiratory Management	383
11. Cardiovascular Management.....	437
12. Fluid Management, Renal, Metabolic, and Endocrine Problems.....	581
13. Post-ICU Care and Other Complications	641
Appendices.....	727
Appendix 1A American College of Cardiology Classes of Recommendation and Levels of Evidence.....	729
Appendix 1B New York Heart Association Functional Classification.....	729
Appendix 2 Typical Preoperative Order Sheet.....	730
Appendix 3 Typical Orders for Admission to the ICU	731
Appendix 4 Typical Transfer Orders from the ICU	734
Appendix 5 Typical ICU Flowsheet	737
Appendix 6 Hyperglycemia Protocol for Cardiac Surgery Patients.....	738
Appendix 7 Heparinization Protocol for Cardiac Surgery Patients.....	739
Appendix 8 Protocol for Initiating Warfarin	740
Appendix 9 INR Reversal Protocol	741
Appendix 10 Drug, Food, and Dietary Supplement Interactions with Warfarin	742
Appendix 11 Doses of Parenteral Medications Commonly Used in the ICU and Their Modification in Renal Failure	743

viii TABLE OF CONTENTS

Appendix 12	Doses of Nonparenteral Drugs Commonly Used After Heart Surgery and Their Modifications in Renal Failure	747
Appendix 13	Definitions from the STS Data Specifications (Version 2.7 2011).....	753
Appendix 14	Body Surface Area Nomogram.....	756
Appendix 15	Body Mass Index Chart	757
Appendix 16	Technique of Thoracentesis	758
Appendix 17	Technique for Tube Thoracostomy.....	759
Appendix 18	Technique of Insertion of Percutaneous Tracheostomy Tube.....	761
Index.....		765