

Contents

Authors	vi	11. Anesthesia	147
Preface	xi	<i>Theodore J. Sanford Jr, MD</i>	
1. Approach to the Surgical Patient	1	12. Shock & Acute Pulmonary Failure in Surgical Patients	164
<i>J. Englebert Dunphy, MD</i>		<i>James W. Holcroft, MD</i>	
<i>Lawrence W. Way, MD</i>		<i>John T. Anderson, MD</i>	
2. Training, Communication, Professionalism, & Systems-Based Practice	6	<i>Matthew J. Sena, MD</i>	
<i>Gerard M. Doherty, MD</i>		13. Management of the Injured Patient	191
3. Preoperative Preparation	13	<i>Mark R. Hemmila, MD</i>	
<i>David McAneny, MD</i>		<i>Wendy L. Wahl, MD</i>	
4. Postoperative Care	34	14. Burns & Other Thermal Injuries	227
<i>Jennifer E. Rosen, MD</i>		<i>Robert H. Demling, MD</i>	
5. Postoperative Complications	46	15. Otolaryngology: Head & Neck Surgery	241
<i>Daniel I. Chu, MD</i>		<i>Paul M. Weinberger, MD</i>	
<i>Suresh Agarwal, MD</i>		<i>David J. Terris, MD</i>	
6. Wound Healing	62	16. Thyroid & Parathyroid	277
<i>Michael G. Franz, MD</i>		<i>Gerard M. Doherty, MD</i>	
7. Power Sources in Surgery	75	17. Breast Disorders	298
<i>K. Barrett Deatrick, MD</i>		<i>Armando E. Giuliano, MD</i>	
<i>Gerard M. Doherty, MD</i>		<i>Sara A. Hurvitz, MD</i>	
8. Inflammation, Infection, & Antimicrobial Therapy in Surgery	83	18. Thoracic Wall, Pleura, Mediastinum, & Lung	331
<i>Haytham M.A. Kaafarani, MD, MPH</i>		<i>K. Barrett Deatrick, MD</i>	
<i>Kamal M.F. Itani, MD</i>		<i>Jason Long, MD</i>	
9. Fluid, Electrolyte, & Acid-Base Disorders	104	<i>Andrew C. Chang, MD</i>	
<i>Tracey Dechert, MD</i>		19. The Heart	
10. Surgical Metabolism & Nutrition	117	I. Surgical Treatment of Acquired Cardiac Disease	389
<i>Thomas M. Shary, MD</i>		<i>Jonathan W. Haft, MD</i>	
<i>Emily A. Chapman, RD, LD, CNSC</i>		II. Congenital Heart Disease	423
<i>Virginia M. Herrmann, MD</i>		<i>Jennifer S. Nelson, MD</i>	
		<i>Jennifer C. Hirsch-Romano, MD, MS</i>	
		<i>Richard G. Ohye, MD</i>	
		<i>Edward L. Bove, MD</i>	

20. Esophagus & Diaphragm	455	32. Hernias & Other Lesions of the Abdominal Wall	768
<i>Marco E. Allaix, MD</i> <i>Marco G. Patti, MD</i>		<i>Karen E. Deveney, MD</i>	
21. The Acute Abdomen	483	33. Adrenals	782
<i>Elisha G. Brownson, MD</i> <i>Katherine Mandell, MD</i>		<i>Quan-Yang Duh, MD</i> <i>Chienying Liu, MD</i> <i>J. Blake Tyrrell, MD</i>	
22. Peritoneal Cavity	498	34. Arteries	798
<i>Matthew Brady, MD</i> <i>Eric Mahoney, MD</i>		<i>Joseph H. Rapp, MD</i> <i>Warren Gasper, MD</i>	
23. Stomach & Duodenum	513	35. Veins & Lymphatics	832
<i>Gerard M. Doherty, MD</i>		<i>Huiting Chen, MD</i> <i>John R. Rectenwald, MD, MS</i> <i>Thomas W. Wakefield, MD</i>	
24. Liver & Portal Venous System	542	36. Neurosurgery	851
<i>Simon Turcotte, MD, MSc</i> <i>William R. Jarnagin, MD</i>		<i>Aditya S. Pandey, MD</i> <i>B. Gregory Thompson, MD</i>	
25. Biliary Tract	582	37. The Eye & Ocular Adnexa	937
<i>Gerard M. Doherty, MD</i>		<i>Linda M. Tsai, MD</i> <i>Ian Pitha, MD, PhD</i> <i>Stephen A. Kamenetzky, MD</i>	
26. Pancreas	608	38. Urology	956
<i>Gerard M. Doherty, MD</i>		<i>Christopher S. Cooper, MD</i> <i>Fadi N. Joudi, MD</i> <i>Mark H. Katz, MD</i>	
27. Spleen	633	39. Gynecology	1021
<i>Gerard M. Doherty, MD</i>		<i>R. Kevin Reynolds, MD</i>	
28. Appendix	651	40. Orthopedic Surgery	1061
<i>Elliot C. Pennington, MD</i> <i>Peter A. Burke, MD</i>		<i>Kelly Vanderhave, MD</i>	
29. Small Bowel	657	41. Plastic & Reconstructive Surgery	1148
<i>Marco E. Allaix, MD</i> <i>Mukta Krane, MD</i> <i>Alessandro Fichera, MD</i>		<i>Henry C. Vasconez, MD</i> <i>Jason Buseman, MD</i>	
30. Large Intestine	686	42. Hand Surgery	1191
<i>Jessica Cohan, MD</i> <i>Madhulika G. Varma, MD</i>		<i>David M. Young, MD</i> <i>Scott L. Hansen, MD</i>	
31. Anorectum	740		
<i>Cary B. Aarons, MD</i> <i>Stephen M. Sentovich, MD</i>			

43. Pediatric Surgery	1213	Appendix: Answers to Multiple Choice Questions	1314
<i>James Wall, MD</i> <i>Craig T. Albanese, MD</i>		Index	1328
44. Oncology	1270		
<i>Michael S. Sabel, MD</i>			
45. Organ Transplantation	1295		
<i>Satish N. Nadig, MD, PhD</i> <i>Jeffrey D. Punch, MD</i>			