
Contents

Part I General Principles

1 Initial Resuscitation and Management of the Hemodynamically Unstable Patient	3
Diane A. Schwartz and John Holcomb	
2 The Evaluation of the Acute Abdomen	17
Marie Crandall	
3 Perioperative Considerations for Surgical Emergencies.....	31
J. Davis Yonge and Patricia Ayoung-Chee	
4 Perioperative Management of the Cirrhotic Patient.....	43
Maamoun A. Harmouch and Mark J. Hobeika	
5 Surgical Procedures in the Intensive Care Unit.....	55
Emmanuel Sonnaïke and Jeremy L. Ward	
6 Hemodynamic Monitoring in the ICU	63
David Evan Meyer	
7 Early Management of Sepsis, Severe Sepsis, and Septic Shock in the Surgical Patient	71
Michelle H. Scerbo and Laura J. Moore	
8 Multiple Organ Failure	95
Stephanie Gordy	
9 Acute Respiratory Distress Syndrome	113
Seth A. Bellister and Michelle K. McNutt	
10 Nutrition in the Surgical Patient	119
Rosemary Kozar, Anthony Tannous, and Diane A. Schwartz	
11 Renal Replacement Therapy.....	133
Kevin W. Finkel	
12 Management of Surgical Site Infections	139
R. Mario Vera	
13 Hemorrhage and Transfusions in the Surgical Patient	145
Holly Whitt and Bryan A. Cotton	
14 Principles of Vascular Access	159
Ramyar Gilani	

Part II Common Diseases in Acute Care Surgery

15 Management of Intra-Abdominal Infections.....	167
Laura J. Moore	
16 Obtaining a Surgical Airway.....	173
Robert Ellis Southard	
17 Esophageal Perforation	179
Karen J. Dickinson and Shanda H. Blackmon	
18 Pneumothorax, Hemothorax, and Empyema	185
K. Shad Pharaon and Benjamin L. Davis	
19 Acute Paraesophageal Hernia.....	197
David C. Gochnour	
20 Peptic Ulcer Disease for the Acute Care Surgeon	205
Sherry L. Sixta and Millard Andrew Davis	
21 Gastric Outlet Obstruction	221
Shinil K. Shah and Peter A. Walker	
22 Upper Gastrointestinal Bleeding	233
Jon D. Dorfman and Heena P. Santry	
23 Acute Biliary Disease	243
Ning Lu and Walter L. Biffl	
24 Management of Complications from Biliary Surgery	253
Maureen D. Moore, Caitlin A. McIntyre, and Soumitra Eachempati	
25 Liver Abscesses.....	263
Edie Chan, Lia Jordano, and Marc Mesleh	
26 Acute Pancreatitis	273
Curtis J. Wray and Tien C. Ko	
27 Small Bowel Obstruction.....	287
Alicia J. Mangram, Alexzandra Hollingworth, and James K. Dzandu	
28 Appendicitis	297
Adam J. Meyers, Claire de Crescenzo, and Christine S. Cocanour	
29 Diverticulitis	307
Winston M. Chan and Amit Agarwal	
30 Mesenteric Ischemia for the Acute Care Surgeon.....	315
Rebecca JoAnne Weddle, Justin J.J. Watson, and Jennifer Marie Watters	
31 Large Bowel Obstruction	327
Laura A. Kreiner	
32 Lower Gastrointestinal Bleeding	335
Andrea Weitz and Daniel Vargo	
33 Volvulus.....	349
Michael S. Truitt and Tim Gutierrez	
34 Anorectal Disease	357
John C. Kubasiak and Marc I. Brand	

35	Management of Complications of Endoscopic Therapy	369
	Shinil K. Shah, Nirav C. Thosani, and Peter A. Walker	
36	Complications of Morbid Obesity Surgery	381
	Christian Perez, Peter A. Walker, and Shinil K. Shah	
37	Abdominal Wall Hernias: Emergency Ventral Hernia Repair	391
	Julie L. Holihan and Mike K. Liang	
38	Damage Control Surgery and the Open Abdomen	403
	Clay Cothren Burlew	
39	Abdominal Compartment Syndrome	411
	John A. Harvin	
40	Necrotizing Soft Tissue Infections	415
	Krislynn M. Mueck and Lillian S. Kao	
41	Acute Compartment Syndrome	429
	Joshua L. Gary and Gregory E. Catlett Jr.	
 Part III Ethics, Legal, and Administrative Considerations		
42	Palliative Care in the Acute Care Surgery Setting	441
	Bridget N. Fahy	
43	Common Ethical Problems in Acute Care Surgery	453
	Jeffrey P. Spike	
44	Advance Directives	463
	Gary T. Marshall	
45	EMTALA Review	473
	James J. McCarthy	
46	Developing an Acute Care Surgery Program	481
	Janeen R. Jordan, Alicia M. Mohr, and Frederick A. Moore	
	Index	487

<http://www.springer.com/978-3-319-42790-4>

Common Problems in Acute Care Surgery

Moore, L.J.; Todd, S.R. (Eds.)

2017, XVII, 507 p. 172 illus., 77 illus. in color.,

Hardcover

ISBN: 978-3-319-42790-4