
Contents

I	Background	1
1	General Philosophy	3
	Moshe Schein · Paul N. Rogers	
2	A Brief History of Emergency Abdominal Surgery	9
	Harold Ellis	
II	Before the Operation	15
3	The Acute Abdomen	17
	Moshe Schein	
4	Rational Diagnostic Procedures	27
	Moshe Schein	
5	Abdominal Imaging	33
	Moshe Schein · Sai Sajja · Hans Ulrich Elben	
6	Optimizing the Patient	55
	James C. Rucinski	
7	Pre-operative Antibiotics	67
	Moshe Schein	
8	Family, Ethics, Informed Consent and Medicolegal Issues	71
	James C. Rucinski	
9	Before the Flight: Pre-op Checklist	77
	Moshe Schein	

III	The Operation	81
10	The Incision	83
	Moshe Schein	
11	Abdominal Exploration: Finding What is Wrong	87
	Moshe Schein	
12	Peritonitis: Contamination and Infection, Principles of Treatment	95
	Moshe Schein · Roger Saadia	
13	The Intestinal Anastomosis	103
	Moshe Schein	
14	Esophageal Emergencies	109
	Tom Anthony Horan	
15	Diaphragmatic Emergencies	119
	Ulrich Schoeffel · Moshe Schein	
16	Upper Gastrointestinal Hemorrhage (and Portal Hypertension)	125
	Moshe Schein	
17	Perforated Peptic Ulcer	143
	Moshe Schein	
18	Acute Pancreatitis	151
	Moshe Schein	
19	Acute Cholecystitis	163
	Moshe Schein	
20	Acute Cholangitis	173
	Gary Gecelter	
21	Small Bowel Obstruction	179
	Moshe Schein	
22	Acute Abdominal Wall Hernias	191
	Paul N. Rogers	
23	Acute Mesenteric Ischemia	197
	Moshe Schein · Paul N. Rogers	
24	Inflammatory Bowel Disease and Other Types of Colitis	205
	Per-Olof Nyström	

25	Colonic Obstruction	217
	Per-Olof Nyström	
26	Acute Diverticulitis	229
	Per-Olof Nyström	
27	Massive Lower Gastrointestinal Bleeding	239
	Per-Olof Nyström	
28	Acute Appendicitis	245
	Moshe Schein	
29	Anorectal Emergencies	255
	Luis A. Carriquiry	
30	Surgical Complications of Endoscopy	265
	Ahmad Assalia · Anat Ilivitzki	
31	Gynecological Emergencies	275
	Bashar Fahoum · Moshe Schein	
32	Abdominal Emergencies in Infancy and Childhood	283
	Wojtek J. Górecki	
33	The AIDS Patient	291
	Sai Sajja	
34	Penetrating Abdominal Trauma	297
	Avery B. Nathens	
35	Blunt Abdominal Trauma	305
	Avery B. Nathens	
36	The Abdominal Compartment Syndrome	321
	Moshe Schein	
37	Abdominal Aortic Emergencies	329
	Paul N. Rogers	
38	Abdominal Closure	337
	Moshe Schein	
39	Before Landing	343
	Moshe Schein	

IV	After the Operation	345
40	Postoperative Care Moshe Schein	347
41	Nutrition James C. Rucinski	355
42	Postoperative Antibiotics Moshe Schein	363
43	Postoperative Ileus vs Intestinal Obstruction Moshe Schein · Sai Sajja	369
44	Intra-abdominal Abscesses Moshe Schein	377
45	Anastomotic Leaks and Fistulas Moshe Schein	387
46	Re-laparotomies and Laparostomy for Infection Moshe Schein · Roger Saadia · Danny Rosin	395
47	Abdominal Wall Dehiscence Moshe Schein	411
48	LIRS, SIRS, Sepsis, MODS and Tertiary Peritonitis Moshe Schein · John Marshall	415
49	Wound Management Moshe Schein	425
50	Postoperative Bleeding Barry Armstrong	431
51	The Role of Laparoscopy Pioter Gorecki	439
52	In the Aftermath and the M & M Meeting Moshe Schein	449
	Subject Index	457