

Contents

Chapter Editors	xiii
Chapter Contributors	xvii
Preface	xix
1. Resuscitation	1
<i>Editor: James Seidel</i>	
Airway Management	1
Anaphylaxis	7
Cardiopulmonary Resuscitation	9
Shock	16
2. Cardiac Emergencies	21
<i>Editors: Samuel B. Ritter, Anthony Rossi</i>	
Arrhythmias	21
Narrow Complex Tachycardias	21
Atrial Fibrillation	21
Atrial Flutter	23
Sinus Tachycardia	24
Supraventricular Tachycardia	25
Wide Complex Tachycardias	28
Ventricular Tachycardia	29
Ventricular Premature Contractions	30
Heart Block	32
Chest Pain	34
Congestive Heart Failure	37
Cyanosis	39
Heart Murmurs	40
Syncope	44
Tet Spells	46
3. Dental Emergencies	49
<i>Editor: Angela M. Tangredi</i>	
Caries and Dental Infections	49
Dental Trauma	51
Discolored Teeth	54
Gingivostomatitis and Oral Ulcers	54

4. Dermatologic Emergencies	57
<i>Editor: M. Douglas Baker</i>	
Acne	57
Alopecia	59
Atopic Dermatitis	61
Bacterial Skin Infections	63
Candida	65
Contact Dermatitis	66
Diaper Dermatitis	68
Drug Eruptions	69
Erythema Chronicum Migrans	72
Erythema Multiforme	73
Erythema Nodosum	74
Herpes Simplex	75
Lice	78
Miliaria	79
Molluscum Contagiosum	80
Pityriasis Rosea	81
Scabies	82
Seborrheic Dermatitis	84
Tinea	85
Toxic Epidermal Necrolysis	87
Urticaria	89
Verrucae	90
5. Ear, Nose, and Throat Emergencies	93
<i>Editor: Roger M. Barkin</i>	
Acute Otitis Media	93
Cervical Lymphadenopathy	96
Epistaxis	98
Foreign Bodies	100
Mastoiditis	101
Neck Masses	102
Otitis Externa	104
Periorbital and Orbital Cellulitis	105
Pharyngitis, Peritonsillar Abscess, and Retropharyngeal Abscess	107
Serous Otitis Media	109
Sinusitis	110
Upper Respiratory Infections	112
6. Endocrine Emergencies	113
<i>Editors: Sue Y. E. Hahn, Steven Z. Miller</i>	
Acute Adrenal (Addisonian) Crisis	113
Diabetes Insipidus	115
Diabetic Ketoacidosis	117
Hypercalcemia	121
Hyponatremia	122

Hyperthyroidism	125
Hypocalcemia	126
Hypoglycemia	128
Hyponatremia	130
7. Environmental Emergencies	133
<i>Editors: Dee Hodge III, Gary Zuckerman</i>	
Burns	133
Drowning and Near Drowning	137
Electrical Injuries	139
Frostbite	141
Heat Excess Syndromes	142
Hypothermia	145
Inhalation Injury	147
8. Gastrointestinal Emergencies	151
<i>Editor: Gary Fleisher</i>	
Abdominal Pain	151
Acute Appendicitis	153
Acute Liver Failure	156
Acute Viral Hepatitis	157
Cholecystitis	162
Colic	163
Constipation	164
Gastroenteritis and Dehydration	167
Hepatomegaly	173
Intussusception	174
Lower Gastrointestinal Bleeding	176
Meckel's Diverticulum	179
Pyloric Stenosis	181
Rectal Prolapse	182
Umbilical Lesions	183
Upper Gastrointestinal Bleeding	185
9. Genetic Emergencies	187
<i>Editor: Robert W. Marion</i>	
10. Genitourinary Emergencies	193
<i>Editors: Anthony A. Caldamone, William J. Lewander</i>	
Balanitis and Posthitis	193
Meatal Stenosis	194
Paraphimosis	195
Phimosis	196
Priapism	196
Renal and Genitourinary Trauma	197
Scrotal Swellings	200
Undescended Testis	204
Urethritis	205

Urinary Retention	206
11. Gynecologic Emergencies	209
<i>Editors: Deborah S. Saunders, Jodi J. Sutton</i>	
Breast Disorders	209
Dysfunctional Uterine Bleeding	211
Dysmenorrhea	214
Pregnancy and Complications	215
Sexually Transmitted Diseases	218
Vulvovaginitis	224
12. Hematologic Emergencies	229
<i>Editor: Mark Weinblatt</i>	
Anemia	229
Bleeding Disorders	233
Infection and the Immunocompromised Host	238
Leukemia and Lymphoma	240
Lymphadenopathy	242
Oncologic Emergencies	245
Sickle Cell Disease	247
Splenomegaly	250
13. Infectious Disease Emergencies	253
<i>Editors: David M. Jaffe, Kathleen Lillis</i>	
Acute Bacterial Meningitis	253
Acute Rheumatic Fever	255
Botulism	261
Encephalitis	263
Evaluation of the Febrile Child	265
HIV Related Emergencies	269
Infectious Diseases Associated with Exanthems	277
Infectious Mononucleosis	283
Kawasaki Syndrome	285
Lyme Disease	287
Osteomyelitis	290
Parasitic Infections	292
Pertussis	298
Septic Arthritis	299
Toxic Shock Syndrome	302
Tuberculosis	305
14. Ingestions	311
<i>Editor: Milton Tenenbein</i>	
Evaluation and Management of Poisoned Patients	311
Acetaminophen	322
Anticholinergics	324
Carbon Monoxide	325
Caustics	326

Cholinergic Insecticides	327
Clonidine	328
Digitalis	329
Drug Abuse Reactions	331
Ethanol	336
Ethylene Glycol and Methanol	337
Hydrocarbons	338
Iron	340
Mothballs	341
Oral Hypoglycemic Agents	342
Phenothiazines	343
Salicylates	344
Theophylline	346
Tricyclic Antidepressants	347
15. Neurologic Emergencies	349
<i>Editor: Jeffrey R. Avner</i>	
Acute Ataxia	349
Acute Hemiparesis and Stroke	351
Acute Weakness	354
Bell's Palsy	356
Breathholding	357
Coma	358
Febrile Seizures	361
Headache	363
Head Trauma	368
Increased Intracranial Pressure	372
Night Phenomena	374
Status Epilepticus	375
16. Ophthalmologic Emergencies	379
<i>Editors: Francine H. Brooks, Frederick M. Wang</i>	
Excessive Tearing in Infancy	379
Eyelid Inflammation	380
Eye Trauma	382
The Red Eye	387
17. Orthopedic Emergencies	391
<i>Editors: Neil J. Macy, Mary E. Metrou</i>	
Arthritis	391
Fractures, Dislocations, and Sprains	395
Knee Injuries	404
Limp	406
18. Psychological and Social Emergencies	411
<i>Editor: Stephen Ludwig</i>	
Abandonment and Physical Neglect	411
Child Abuse	412

	Sexual Abuse	415
	Psychiatric Emergencies	418
	Suicide	420
	Death in the Emergency Department	422
	Sudden Infant Death Syndrome	423
19.	Pulmonary Emergencies	425
	<i>Editor: Richard M. Ruddy</i>	
	Asthma	425
	Bronchiolitis	431
	Croup	434
	Epiglottitis	436
	Foreign Bodies in the Airway	439
	Hemoptysis	441
	Pneumonia	443
	Respiratory Distress and Failure	447
20.	Renal Emergencies	451
	<i>Editors: Sandra J. Cunningham, Howard Trachtman</i>	
	Acute Glomerulonephritis	451
	Acute Renal Failure	453
	Hematuria	456
	Hypertension	459
	Proteinuria	460
	Urinary Tract Infections	462
21.	Sedation and Analgesia	465
	<i>Editor: Alison B. Anderson</i>	
	Sedative Agents	465
	Local Anesthesia	471
	Sedative/Analgesic Combinations	477
	Inhaled Agents	483
22.	Trauma	485
	<i>Editors: Jeffrey R. Avner, Leslie J. Hain</i>	
	Cardiac Tamponade	485
	Cervical Spine Injuries	486
	Hand Injuries	488
	Multiple Trauma	493
	Pneumothorax	497
23.	Wound Care and Minor Trauma	499
	<i>Editors: Gary Lombardi, Warren Wetzel</i>	
	Abscesses	499
	Bite Wounds	500
	Foreign Body Removal	502
	Insect Bites and Stings	503
	Marine Stings and Envenomations	505

CONTENTS

xi

Rabies	506
Scorpion Stings	508
Snakebites	509
Spider Bites	511
Wound Management	512
24. Special Considerations in Pediatric Emergency Care	523
Triage	523
Decision Making in the Emergency Department	525
Use of the Telephone	526
Emergency Care of the Child with a Chronic Disorder	528
Quick Reference Guide	531
Index	541