

Contents

Part I Preoperative Evaluation

| | |
|----------------------------------------------------------------------------------------------|----|
| 1 Role of the Medical Consultant | 3 |
| Steven L. Cohn | |
| 2 Preoperative Testing | 13 |
| L. Reuven Pasternak | |
| 3 Perioperative Medication Management | 23 |
| Steven L. Cohn | |
| 4 Perioperative Management of Anticoagulation | 45 |
| Scott Kaatz and David G. Paje | |
| 5 Venous Thromboembolism Prophylaxis | 55 |
| Steven L. Cohn | |
| 6 Prevention of Infective Endocarditis (Bacterial Endocarditis Prophylaxis) | 67 |
| Steven L. Cohn | |
| 7 Surgical Site Infection Prophylaxis | 73 |
| Amish Ajit Dangodara | |
| 8 Anesthesiology for the Nonanesthesiologist | 81 |
| Vivek K. Moitra and Rebecca S. Twersky | |

Part II Surgery-Specific Risks

| | |
|----------------------------------|-----|
| 9 Abdominal Surgery | 99 |
| Brian Woods | |
| 10 Thoracic Surgery | 107 |
| Vivek K. Moitra | |

| | |
|------------------------------------------------------------------------------------------------|-----|
| 11 Vascular Surgery | 115 |
| Visala S. Muluk | |
| 12 Orthopedic Surgery | 123 |
| Ronald MacKenzie and Edwin P. Su | |
| 13 Neurosurgery | 131 |
| Victor Duval | |
| 14 Gynecologic Surgery | 137 |
| Bruce E. Johnson | |
| 15 Urologic Surgery | 145 |
| Bruce E. Johnson | |
| 16 Bariatric Surgery | 151 |
| Brian Harte | |
| 17 Ophthalmic Surgery | 161 |
| Deborah C. Richman | |
| 18 Otolaryngologic Procedures | 169 |
| Paul J. Primeaux | |
| 19 Electroconvulsive Therapy | 179 |
| Howard S. Smith | |
| Part III Preoperative Evaluation and Management of Co-existing Medical Diseases | |
| 20 Cardiac Disease | 189 |
| Steven L. Cohn | |
| 21 Pulmonary Disease | 211 |
| Steven L. Cohn | |
| 22 Endocrine Disease | 227 |
| Amish Ajit Dangodara and Visala S. Muluk | |
| 23 Hematologic Disease | 261 |
| Shuwei Gao and Sunil K. Sahai | |
| 24 Cancer | 281 |
| Sunil K. Sahai and Ellen F. Manzullo | |

| | |
|-------------------------------------------------------------------|-----|
| 25 HIV | 295 |
| Richard B. Brooks | |
| 26 Chronic Kidney Disease | 303 |
| Mihaela S. Stefan and Adam C. Schaffer | |
| 27 GI Disease | 315 |
| Nomi L. Traub and Richard B. Brooks | |
| 28 Rheumatic Disease | 329 |
| Brian F. Mandell | |
| 29 Neurological Disease | 343 |
| Lane K. Jacobs and Benjamin L. Sapers | |
| 30 Psychiatric Conditions | 361 |
| Joleen Elizabeth Fixley and Meghan Collen Tadel | |
| 31 Substance Abuse | 381 |
| Nadene C. Fair and Howard S. Smith | |
| 32 The Pregnant Surgical Patient | 395 |
| Beth G. Lewis and Michael P. Carson | |
| Part IV Postoperative Complications | |
| 33 Postoperative Fever | 411 |
| Barbara A. Cooper and Nadene C. Fair | |
| 34 Postoperative Hypertension/Hypotension | 421 |
| Steven L. Cohn and Brian Harte | |
| 35 Postoperative Arrhythmias | 431 |
| Barbara Slawski and Kurt Pfeifer | |
| 36 Perioperative Chest Pain/Dyspnea | 441 |
| Kalpana R. Prakasa and Leonard S. Feldman | |
| 37 Postoperative Pulmonary Complications | 453 |
| Ibironke Oduyebo and Leonard S. Feldman | |
| 38 Postoperative Venous Thromboembolism (DVT and PE) | 461 |
| David G. Paje and Scott Kaatz | |

| | |
|---------------------------------------------------------------------------|------------|
| 39 Postoperative Fluid, Electrolyte, and Acid/Base Disorders | 473 |
| Ross Kerridge and Paul J. Primeaux | |
| 40 Postoperative Renal Failure..... | 493 |
| Adam C. Schaffer and Mihaela S. Stefan | |
| 41 Anemia and Bleeding..... | 503 |
| Kurt Pfeifer and Barbara Slawski | |
| 42 Postoperative Jaundice..... | 513 |
| Richard B. Brooks and Nomi L. Traub | |
| 43 Postoperative Stroke and Seizures | 521 |
| Lane K. Jacobs and Benjamin L. Sapers | |
| 44 Postoperative Delirium..... | 531 |
| Alok Kapoor and Joleen Elizabeth Fixley | |
| 45 Pain Management | 543 |
| Darin J. Correll | |
| Index..... | 557 |



<http://www.springer.com/978-0-85729-497-5>

Perioperative Medicine

Cohn, S.L. (Ed.)

2011, XVI, 572 p. 15 illus., 6 illus. in color., Softcover

ISBN: 978-0-85729-497-5