

Section 1: Basic Principles (Epidemiology;Cancer Biology; Overview of Cancer Therapies)

- 1 Cancer Epidemiology, Prevention, and Survivorship
- 2 Global Cancer Surgery-The Lancet Commission
- 3 Cancer Biology and Implications for the Perioperative Period
- 4 Traditional Cancer Therapies and Perioperative Implications
- 5 Newer Cancer Therapies and Perioperative Implications
- 6 Cancer and Heart Disease
- 7 Personalized Cancer Care

Section 2: Inflammatory-Immune Responses, Perioperative Period, and Cancer Outcomes

- 8 Anemia, Thrombosis, Transfusion Therapy, and Cancer Outcomes
- 9 Improving Cancer Survival Through Perioperative Attenuation of Adrenergic- Inflammatory Signaling
- 10 Local Anesthetics and Cancer
- 11 Volatile and Intravenous Anesthetics and Cancer
- 12 Opioids and Cancer
- 13 Can Regional Anesthesia and Analgesia Influence the Risk of Cancer Recurrence?

Section 3: Perioperative/Periprocedural Care in the Cancer Patient

- 14 Preoperative Evaluation and Medical Optimization of the Cancer Patient
- 15 Functional Assessment and Prehabilitation
- 16 Redesign of Perioperative Care Pathways
- 17 Airway Management in Special Situations
- 18 Procedural Care of the Adult Cancer Patient Outside of the Operating Room
- 19 Perioperative Care of the Surgical Patient: Brain
- 20 Anesthesia for Spine Cancer Surgery
- 21 Anesthesia for Head and Neck Cancer Surgeries
- 22 Perioperative Care of the Surgical Patient: Heart, Lung, and Mediastinum Procedures
- 23 Perioperative Care of the Cancer Patient: Breast Procedures
- 24 Intraoperative Care of the Surgical Patient: Upper Gastrointestinal Cancers
- 25 Perioperative Care of the Colorectal Cancer Patient
- 26 Perioperative Care of the Surgical Patient: Genitourinary Cancers
- 27 Perioperative Care of the Surgical Cancer Patient: Gynecologic Cancers
- 28 Anesthesiology and Perioperative Management of Patients Presenting for Surgical Excision of Endocrine Tumors
- 29 Anesthesia and Surgery for CytoreductiveSurgery With Hyperthermic Intraperitoneal Chemotherapy (HIPEC)
- 30 Perioperative Care: Sarcoma and Melanoma
- 31 Perioperative Care of the Surgical Patient: Bone and Soft Tissue Tumors
- 32 Perioperative Care of the Surgical Patient: Reconstructive Surgery
- 33 Perioperative Care of the Surgical Patient: Surgical Emergencies in Cancer
- 34 Palliative Surgery in Cancer Patients
- 35 Frailty in the Perioperative Setting for Cancer Patients
- 36 Delivering Perioperative Care for Older Patients Undergoing Cancer Surgery

Section 4: Acute Postoperative and Intensive Care of the Cancer Patient

- 37 Special Considerations in the Postoperative Care of the Cancer Patient
- 38 Early Warning and Rapid Response Systems
- 39 Intensive Care Considerations of the Cancer Patient
- 40 The Challenges of Novel Therapies in the Care of the Critically Ill Cancer Patient

Section 5: Pain and Palliative/Integrative Medicine

- 41 Acute Postsurgical Pain Management in Patients With Cancer
- 42 Chronic and Interventional Pain Management in Patients With Cancer
- 43 Rehabilitation, Palliative Care, and Integrative Medicine Interventions in Cancer
- 44 Integrating Rehabilitative and Palliative Care Principles Within Acute Care Practice

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- 45 Overview of Pediatric Cancers
- 46 Preoperative Assessment of the Pediatric Patient With Cancer
- 47 Intraoperative Management: Considerations for Specific Procedures in Children With Cancer
- 48 General Principles for Intensive Care Management of Pediatric Patients With Cancer
- 49 Anesthesia for Procedures Outside of the Operating Room
- 50 Do Not Resuscitate and the Terminally Ill Child
- 51 Chronic Pain and Palliative Care in the Pediatric Patient
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- 53 Value Proposition in Cancer Care: Quantifying Patient-Centered Value in a Comprehensive Cancer Care Center
- 54 Enhanced Surgical Recovery and Cancer
- 55 Symptom Assessment, Patient-Reported Outcomes, and Quality of Life Considerations in Perioperative Care for Patients With Cancer
- 56 Shared Decision-Making and Advance Care Planning in the Cancer Care Journey
- 57 Ethics in Cancer Care Delivery-Do Not Resuscitate
- 58 Economics of Cancer Care Delivery: Opportunities and Challenges
- 59 The Costs of Postoperative Complications After Major Abdominal Surgery: Opportunities and Challenges
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