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Nota di contenuto	Part I – Fundamentals -- Ch. 1: Geriatric Anesthesiology: Where Have We Been and Where Are We Going? -- Ch. 2: Theories and mechanisms of aging -- Ch. 3: Ethical and Legal Issues of Geriatrics -- Ch. 4: Basic Preoperative Evaluation and Preoperative Management of the Older Patient -- Ch. 5: The Perioperative Surgical Home for the Geriatric Population -- Ch. 6: Improving perioperative functional capacity. A case for prehabilitation -- Ch. 7: Care of the Geriatric Surgery Patient - The Surgeon's Perspective -- Ch. 8: The Geriatrician's Perspective on Surgery in the Geriatric Population -- Ch. 9: Medicare, Administrative and Financial Matters in Caring for Geriatric Patients -- Part II - System Changes -- Ch. 10: Geriatric Anesthesia: Age-dependent Changes in the Central and Peripheral Nervous Systems -- Ch. 11: Cardiovascular System -- Ch. 12: The Aging Respiratory System: Strategies to Minimize Postoperative Pulmonary Complications -- Ch. 13: Renal, Metabolic and Endocrine Aging -- Ch. 14: Musculoskeletal and Integumentary Systems -- Ch. 15: Perioperative Thermoregulation in the Elderly -- Part III – Pharmacology -- Ch. 16: Inhalational Anesthetics -- Ch. 17: Intravenous Sedatives and Anesthetics -- Ch.

18: The Pharmacology of Intravenous Opioids -- Ch. 19: Local Anesthetics and Regional Anesthesia -- Ch. 20: Neuromuscular Blocking and Reversal Agents -- Ch. 21: Anesthetic Implications of Chronic Medication Use -- Part IV - Special Concerns -- Ch. 22: Anesthesia for Common Non-Operating Room Procedures in the Geriatric Patient -- Ch. 23: Cardiothoracic and Vascular Procedures -- Ch. 24: Perioperative Management of Pacemakers and Internal Cardioverter-Defibrillators -- Ch. 25: Special concerns of intraoperative management in orthopedic procedures -- Ch. 26: Geriatric Trauma and Emergent/Urgent Surgery -- Ch. 27: Perioperative Care of the Elderly Cancer Patient -- Part V - Postoperative Care -- Ch. 28: Pain Management -- Ch. 29: ICU Management -- Ch. 30: Postoperative Cognitive Impairment in Elderly Patients -- Ch. 31: Palliative Care for the Anesthesia Provider.

Sommario/riassunto

Surgical and anesthetic techniques have evolved to allow a growing number of older adults to undergo surgery, and current estimates are that 50% of Americans over the age of 65 years old will have an operation. However, as the knowledge regarding perioperative care of the elderly surgical patient grows, so do the questions. In this edition, each chapter includes a section entitled "Gaps in Our Knowledge," meant to highlight areas in which research is needed, as well as hopefully inspire readers to begin solving some of these questions themselves. Building upon the strong foundation of the first two editions, *Geriatric Anesthesiology*, 3rd edition also assembles the most up-to-date information in geriatric anesthesia and provides anesthesiologists with important new developments. Topics covered include several new chapters that reflect the evolution of multidisciplinary geriatric care throughout the perioperative continuum, as well as the growing body of literature related to prehabilitation. In addition, discussion of the surgeon's perspective and geriatrician's perspective on surgery in the geriatric population is covered, as well as the systematic physiologic changes associated with aging and the pharmacologic considerations for the geriatric patient undergoing procedures. Finally, the last section discusses postoperative care specific to the geriatric population, including acute pain management, ICU management, recent evidence and up-to-date practice regarding delirium and postoperative cognitive dysfunction, and palliative care. .
