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Titolo	Mechanical Ventilation in Critically Ill Cancer Patients : Rationale and Practical Approach // edited by Antonio M. Esquinas, S. Egbert Pravinkumar, Ayman O. Soubani
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Soggetti	Critical care medicine Oncology Hematology Anesthesiology Respiratory organs—Diseases Intensive / Critical Care Medicine Oncology Pneumology/Respiratory System
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part I. Background and Therapeutic Procedures in Critically Ill Cancer Patients -- Epidemiology of Acute Respiratory Failure -- Acute Respiratory Failure in Different Settings -- Chemotherapy -- Radiation Therapy -- Blood Marrow Transplantation -- Bronchoscopy -- Non-bronchoscopic Procedures -- Invasive and Interventional Procedures -- Part II. Invasive Mechanical Ventilation -- Rationale -- Mechanical Ventilatory Modes -- Part III. Non-invasive Mechanical Ventilation -- Nasal High-Flow System -- Devices -- Continuous Positive Airway Pressure (CPAP) -- Bilevel Positive Airway Pressure -- Indications and Contraindications -- Determinants of Success or Failure -- NIV Outcome Decision Algorithm -- Part IV. Postoperative Mechanical Ventilation -- General Postoperative Complications -- Mechanical Ventilation After Neurosurgery -- Mechanical Ventilation After

Cardiothoracic Surgery -- Mechanical Ventilation After Thoracic Surgery -- Mechanical Ventilation After Abdominal Surgery -- Mechanical Ventilation After Orthopedic Surgery -- Part V. Withdrawal from Mechanical Ventilation Support -- Weaning from Mechanical Ventilation -- Tracheotomy -- Analgesia/Sedation -- Venous Thromboembolic and Gastrointestinal Prophylaxis -- Chest Physiotherapy -- Nutrition -- Long-Term Mechanical Ventilation -- Part VI. Palliative Ventilatory Support in Cancer Critical Care -- Palliative Care -- Avoidance of Endotracheal Intubation -- End-of-life Care. Part VII. Healthcare Resource Utilization and Organizational Support in Cancer Critical Care -- Organization of Ventilatory Support -- Healthcare Resources Ventilatory Support -- Quality-of-Life Ventilatory Support -- Mechanical Ventilation: Current Evidence and Evidence-Based Practice.

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## Sommario/riassunto

This book aims to equip the reader to make optimal decisions on the use of mechanical ventilatory support in critically ill cancer patients with acute respiratory failure (ARF) and to implement the different strategies effectively. Detailed information is provided on the rationale for invasive and non-invasive ventilation, the different modes of ventilation, indications and contraindications, prognostic factors, and outcomes. The role of postoperative mechanical ventilation following various forms of surgery is extensively addressed, and key aspects of withdrawal from ventilatory support are discussed. Attention is also devoted to mechanical ventilation in the palliative care context. The concluding part of the book focuses on healthcare resource utilization and organizational support in cancer critical care. ARF is the most common reason for hospital and intensive care admission among oncological patients, and there is growing evidence that outcome following mechanical ventilation is improving. Readers will find this book to be an invaluable aid when selecting and executing a strategy for management of ARF in individual cancer patients.

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