

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910337520003321 |
| Titolo | Principles and Practice of Anesthesia for Thoracic Surgery [[electronic resource] /] / edited by Peter Slinger |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019 |
| ISBN | 3-030-00859-2 |
| Edizione | [2nd ed. 2019.] |
| Descrizione fisica | 1 online resource (XVIII, 1081 p. 467 illus., 292 illus. in color.) |
| Disciplina | 617.96 |
| Soggetti | Anesthesiology Thoracic surgery Critical care medicine Thoracic Surgery Intensive / Critical Care Medicine |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Part I. Introduction -- 1. History of Thoracic Anesthesiology -- Part II. Preoperative Evaluation -- 2. Preanesthetic Assessment for Thoracic Surgery -- 3. Thoracic Imaging -- Part III. Thoracic Anatomy, Physiology, and Pharmacology -- 4. Essential Anatomy and Physiology of the Respiratory System and the Pulmonary Circulation -- 5. Physiology of the Lateral Decubitus Position, Open Chest and One-Lung Ventilation -- 6. Clinical Management of One-Lung Ventilation -- 7. Nonrespiratory Functions of the Lung -- 8. Pharmacology of the Airways -- 9. Pharmacology of the Pulmonary Circulation -- 10. Perioperative Lung Injury -- Part IV. Diagnostic and Therapeutic Procedures of the Trachea and Airways -- 11. Bronchoscopic Procedures -- 12. Intravenous Anesthesia for Thoracic Procedures -- 13. Tracheal Resection and Reconstruction -- Part V. Diagnostic and Therapeutic Procedures of the Mediastinum -- 14. Anesthesia for Patients with Mediastinal Masses -- 15. Thymic Surgery and Paraendocrine Syndromes -- Part VI. Anesthetic Management for Intra-Thoracic Surgery -- 16. Lung Isolation -- 17. Fiberoptic Bronchoscopy for Positioning Double-Lumen Tubes and Bronchial Blockers -- 18. Lung Isolation in Patients with Difficult Airways -- 19. Intraoperative |

Patient Positioning and Neurological Injuries -- 20. Intraoperative Monitoring -- 21. Fluid Management in Thoracic Surgery -- 22. Intra-Operative Ventilation Strategies for Thoracic Surgery -- 23. Anesthesia for Open Pulmonary Resection: A Systems Approach -- 24. Anesthesia for Video Assisted Thoracoscopic Surgery (VATS) -- 25. Anesthesia for Non-Intubated Thoracic Surgery -- 26. Trouble Shooting One-Lung Ventilation -- 27. Intraoperative Extracorporeal Life Support for Thoracic and Airway Surgery -- Part VII. Applications of Ultrasound in Thoracic Anesthesia -- 28. Pulmonary Ultrasound -- 29. Ultrasound for Vascular Access -- 30. Intraoperative Transesophageal Echocardiography for Thoracic Surgery -- Part VIII. Specific Patient Consideration -- 31. Anesthesia for Patients with End-Stage Lung Disease -- 32. Thoracic Surgery in the Elderly -- 33. Thoracic Anesthesia for Morbidly Obese Patients and Obese Patients with Obstructive Sleep Apnea -- 34. Pulmonary Resection in the Patient with Pulmonary Hypertension -- Part IX. Complex Thoracic Surgical Procedures -- 35. Surgery of the Chest Wall and Diaphragm -- 36. Extrapleural Pneumonectomy -- 37. Pancoast Tumors and Combined Spinal Resections -- 38. Anesthesia for Esophageal Surgery -- 39. Anesthesia for Robotic Thoracic Surgery -- 40. Anesthesia for Combined Cardiac and Thoracic Procedures -- 41. Open Thoracoabdominal Aortic Aneurysm Repair -- Part X. Anesthetic Management of Uncommon Pulmonary Procedures -- 42. Thoracic Anesthesia in the Developing World -- 43. Bronchopleural Fistulae -- 44. Massive Hemoptysis -- 45. Whole Lung Lavage -- Part XI. Anesthesia for Surgical Procedures for End-Stage Lung Diseases -- 46. Lung Volume Reduction -- 47. Lung Transplantation -- 48. Anesthesia for the Patient with a Previous Lung Transplant -- 49. Anesthesia for Pulmonary Thromboendarterectomy -- Part XII. Anesthesia for Pediatric Thoracic Surgical Procedures -- 50. Anesthesia for Pediatric Thoracic Surgery -- Part XIII. Trauma -- 51. Anesthetic Management of Thoracic Trauma -- Part XIV. Post-Operative Management -- 52. Enhanced Recovery After Surgery (ERAS) for Thoracic Surgery -- 53. Anesthetic Management of Post-Thoracotomy Complications -- 54. Postoperative Respiratory Failure and Treatment -- 55. Postoperative Management of respiratory failure: Extracorporeal Ventilatory Therapy -- 56. Cardiovascular Adaptations and Complications -- 57. Post Thoracic Surgery Patient Management and Complications -- 58. Trouble-Shooting Chest Drains -- 59. Pain Management After Thoracic Surgery -- 60. Long Acting Local Anesthetics For Analgesia Following Thoracic Surgery -- 61. Chronic Post-Thoracotomy Pain.

Sommario/riassunto

Updated and expanded, this comprehensive new edition captures the considerable evolution in the anesthetic management of patients requiring anesthesia for non-cardiac intrathoracic diagnostic and therapeutic procedures. Major advances addressed include the expanded role of ultrasound beyond trans-esophageal echocardiography, the role of extra-corporeal membrane oxygenation in thoracic anesthesia, and postoperative pain management for thoracic surgery. Chapters are authored by prominent anesthesiologists and feature cases commonly encountered in clinical practice. Authoritative and the leading text in the field, this book will serve as an indispensable guide to practitioners of thoracic anesthesia at all levels.
