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Note generali	Includes index.
Nota di contenuto	Foreword -- Section I. Basic endoscopy -- 1. Tracheobronchial Anatomy -- 2. Flexible Bronchoscopy -- 3. Rigid Bronchoscopy -- 4. Anesthesia for Interventional Bronchoscopic Procedures -- 5. Evaluating Outcomes After Interventional Procedures -- 6. Bronchoscopy Education: New Insights -- Section II. Tracheobronchial obstructions -- 7. Reopening The Airway: Fast Methods – Laser Assisted Mechanical Resection, Electrocautery and Argon Plasma Coagulation -- 8. Cryotherapy -- 9. Endobronchial Brachytherapy: Concept, Indications, Technique and Outcomes -- 10. Photodynamic Therapy for Early and Advanced Lung Cancer -- 11. Benign Tracheal And Bronchial Stenosis -- 12. Endobronchial Prosthesis -- Section III. Lung cancer diagnosis -- 13. Early Lung Cancer: Methods For Detection -- 14. Diagnostic Of Lung Cancer: Confocal Bronchoscopy -- 15.

Optical Coherence Tomography -- 16. Electromagnetic Navigation -- 17. Lung Cancer Screening and the National Lung Screening Trial (NLST) -- 18. Tissue Acquisition In Patients With Suspected Lung Cancer: Techniques Available to the Pulmonologist -- Section IV. Lung cancer staging -- 19. The New Lung Cancer TNM Classification: Review And Clinical Implications -- 20. Mediastinoscopy And Its Variants -- 21. Endobronchial Ultrasound: Basic Principles -- 22. Endobronchial Ultrasound: Clinical Applications -- Section V. Pleural conditions -- 23. Pleural Anatomy -- 24. Medical Thoracoscopy -- 25. Overview of the Spectrum of Chest Tubes with Focus on the Tunneled Pleural Catheter: Disease Specific Selection -- Section VI. Interventional Bronchoscopy In Asthma And Emphysema -- 26. Endoscopic Methods For Lung Volume Reduction -- 27. Transbronchoscopic Emphysema Treatment with One-way Zephyr Valves -- 28. Endoscopic Lung Volume Reduction for Treatment of Advanced Emphysema Using Injectable Hydrogels -- 29. Bronchial Thermoplasty -- Section VII. Interventional Bronchoscopy In Special Situations -- 30. Percutaneous Tracheostomy -- 31. Bronchoscopy Role In Interstitial Lung Disease -- 32. Endoscopic Foreign Body Removal -- 33. Interventional Pulmonology in the Intensive Care Unit -- Section VIII. Conclusions -- 34. Bronchoscopy and Interventional Pulmonology: Reflections on the Past, the Present, and the Future.

Sommario/riassunto

Interventions in Pulmonary Medicine is an important new volume that addresses all areas of interventional pulmonology, a minimally invasive endoscopic way to diagnose and treat lung disorders. This volume contains dedicated chapters that outline the many issues related to lung cancer, both in early and advanced stages, from diagnosis to personalized treatment. It also covers bronchoscopic therapeutic options to benign conditions that are highly prevalent, such as COPD and asthma. Techniques described in this volume are: laser therapy, argon plasma coagulation therapy, cryotherapy, brachytherapy, placement of intrapleural drainage systems, endoscopic treatment of emphysema, stents in the airway, and thermoplasty for bronchial asthma. Diagnostic procedures that are covered are: medical thoracoscopy, flexible and rigid bronchoscopy, endobronchial ultrasound, electromagnetical navigation, and trends in personalized treatment for lung cancer and other benign lung conditions. Chapters are written by experts and the developers of the techniques that are currently considered gold standard. Evidence-based reviews are presented for all topics and indications, and contraindications are discussed. Interventions in Pulmonary Medicine is a must have for pulmonologists, endoscopists, pulmonary oncologists, ENT physicians, thoracic surgeons, anesthesiologists, and intensive care specialists and their teams.
