

1. Record Nr.	UNINA9910720088703321
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Titolo	Interventions in Pulmonary Medicine // edited by José Pablo Díaz-Jiménez, Alicia N. Rodríguez
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031226106 9783031226090
Edizione	[3rd ed. 2023.]
Descrizione fisica	1 online resource (751 pages)
Disciplina	616.2307545
Soggetti	Respiratory organs - Diseases Interventional radiology Pneumology Interventional Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I: Basic Bronchoscopy -- Tracheobronchial anatomy -- Flexible bronchoscopy -- Ultrathin bronchoscopy: indications and technique -- Rigid bronchoscopy -- Anesthesia for Interventional bronchoscopic procedures -- Evaluating outcomes after interventional procedures -- Bronchoscopy education: Interventional Pulmonary standardization of training and education -- Part II: Interventional Procedures during the COVID-19 pandemic -- Adaptations in the Interventional Pulmonary department -- Role of bronchoscopy in COVID -- Tracheostomy in COVID -- Part III: Tracheobronchial Obstructions -- Reopening the airway: fast methods -- Cryotherapy and cryospray: applications in the airways -- Endobronchial brachytherapy -- Photodynamic therapy -- Benign Airway stenosis -- Endobronchial prosthesis: old and the new -- Part IV: Lung cancer diagnosis -- Early lung Cancer: methods for detection -- Navigation Bronchoscopy -- Robotic Bronchoscopy -- Tissue acquisition in patients with suspected lung cancer -- Lung cancer screening: what is new -- Lung cancer epidemiologic changes: implications in diagnosis and therapy -- Patient centered care: lung cancer patients -- Part V: Lung cancer staging -- TNM classification: review and clinical implications -- Lung cancer staging methods: a

practical approach -- Mediastinoscopy, its variants and transcervical mediastinal lymphadenectomy -- Endobronchial ultrasound: update -- TBNA in the endobronchial ultrasound -- Part VI: Pleural Conditions -- Pleural anatomy: a pathological and surgical perspective -- Medical thoracoscopy -- Overview of the spectrum of chest tubes with focus on the tunneled pleural catheter: disease-specific selection -- Parapneumonic effusions and empyema -- Management of malignant pleural effusion -- Transthoracic Ultrasound: role in pleural conditions -- Part VII: Interventional Bronchoscopy for specific conditions -- Emphysema: endoscopic methods for lung volume reduction -- Asthma: Bronchial thermoplasty, an update -- Evaluation of Pulmonary solitary nodule: bronchoscopy role -- Interstitial lung disease: role of diagnostic bronchoscopy -- Long term oxygen therapy: review on transtracheal oxygen catheter -- Interventional bronchoscopy in pediatric patients -- Part VIII: Interventional Procedures in critical settings -- Overview of Interventions in the ICU -- Percutaneous tracheostomy -- Foreign bodies in the airway -- Airway fistulas -- Hemoptysis: endoscopic management -- Part IX: Interventions in pulmonary medicine: history and future perspectives -- History of bronchoscopy: the evolution of interventional bronchoscopy. .

Sommario/riassunto

This third edition offers comprehensive, up-to-date coverage of all areas of interventional pulmonology, a minimally invasive endoscopic method for diagnosing and treating lung disorders. The text is divided into nine sections on the major areas of interventional pulmonology, including basic bronchoscopy, lung cancer staging, tracheobronchial obstructions, endobronchial treatments for asthma and emphysema, as well as a new section on interventional procedures during the COVID-19 pandemic. Chapters explore specific procedures and techniques, including medical thoracoscopy, flexible and rigid bronchoscopy, endobronchial ultrasound, and electromagnetic navigation with coverage of history, indications and contraindications, up-to-date, evidence-based reviews, and recommendations. The COVID-19 pandemic has also changed medicine in many permanent ways, and that will be considered closely for every intervention. Additionally, there are new chapters on interventions in pediatric patients and artificial intelligence bronchoscopy, two topics that are not frequently covered. This inclusive volume concludes with a look towards both the past and future of interventional pulmonology with experimental techniques currently being tested. This volume is a must have for pulmonologists, interventional radiologists, thoracic surgeons, pulmonary oncologists, ENT physicians, anesthesiologists, intensive care specialists, and their teams.
