

REFERENCES

Microsite cryo.erbe-med.com

- B1. Flexible single-use cryoprobes development file: D144191
- B2. Schumann C, Hetzel M, Babiak AJ et al. Endobronchial tumor debulking with a flexible cryoprobe for immediate treatment of malignant stenosis. *J Thorac Cardiovasc Surg* 2010; 139: 997–1000
- B3. Hetzel J, Eberhardt R, Herth FJF et al. Cryobiopsy increases the diagnostic yield of endobronchial biopsy: a multicentre trial. *Eur Respir J* 2012; 39: 685–690
- B4. Schumann C, Kropf C, Rudiger S et al. Removal of an aspirated foreign body with a flexible cryoprobe. *Respir Care* 2010; 55: 1097–1099
- B5. Vergnon JM, Mathur PN. Cryotherapy for Endobronchial Disorders. *Interventional Bronchoscopy* 2000; 30: 133–145
- B6. Internal test report: D147560
- B7. Fruchter O, Kramer MR. Retrieval of various aspirated foreign bodies by flexible cryoprobe: in vitro feasibility study. *Clin Respir J* 2015; 9: 176–179
- B8. Cryoablation, Mechanisms and influencing factors (Dr. Christiane Nerz, 2018): D135896
- B9. Tomic R, Podgaetz E, Andrade RS et al. Cryotechnology in diagnosing and treating lung diseases. *J Bronchology Interv Pulmonol* 2015; 22: 76–84
- B10. Vergnon J-M, Huber RM, Moghissi K. Place of cryotherapy, brachytherapy and photodynamic therapy in therapeutic bronchoscopy of lung cancers. *Eur Respir J* 2006; 28: 200–218
- B11. Lee S-H, Choi W-J, Sung S-W et al. Endoscopic cryotherapy of lung and bronchial tumors: a systematic review. *Korean J Intern Med* 2011; 26: 137–144
- B12. Instructions for use for flexible single-use cryoprobes: 30402-406
- B13. Babiak A, Hetzel J, Krishna G et al. Transbronchial cryobiopsy: a new tool for lung biopsies. *Respiration* 2009; 78: 203–208
- B14. Fruchter O, Fridel L, Rosengarten D et al. Transbronchial cryo-biopsy in lung transplantation patients: first report. *Respirology* 2013; 18: 669–673
- B15. Yarmus L, Akulian J, Gilbert C et al. Cryoprobe transbronchial lung biopsy in patients after lung transplantation: a pilot safety study. *Chest* 2013; 143: 621–626
- B16. Clinical evaluation of flexible single-use cryoprobes: D104429
- B17. Aktas Z, Gunay E, Hoca NT et al. Endobronchial cryobiopsy or forceps biopsy for lung cancer diagnosis. *Ann Thorac Med* 2010; 5: 242–246
- B18. Chou C-L, Wang C-W, Lin S-M et al. Role of flexible bronchoscopic cryotechnology in diagnosing endobronchial masses. *Ann Thorac Surg* 2013; 95: 982–986
- B19. Jabari H, Sami R, Fakhri M et al. Different protocols for cryobiopsy versus forceps biopsy in diagnosis of patients with endobronchial tumors. *Pneumologia* 2012; 61: 230–233
- B20. ERBECRYO® 2 with flexible single-use cryoprobes prospectus: 85402-000
- B21. Hetzel J, Maldonado F, Ravaglia C et al. Transbronchial Cryobiopsies for the Diagnosis of Diffuse Parenchymal Lung Diseases: Expert Statement from the

- Cryobiopsy Working Group on Safety and Utility and a Call for Standardization of the Procedure. *Respiration* 2018; 95: 188–200
- B22. Raghu G, Remy-Jardin M, Myers JL et al. Diagnosis of Idiopathic Pulmonary Fibrosis. An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline. *Am J Respir Crit Care Med* 2018; 198: e44-e68
- B23. Casoni GL, Tomassetti S, Cavazza A et al. Transbronchial lung cryobiopsy in the diagnosis of fibrotic interstitial lung diseases. *PLoS One* 2014; 9: e86716
- B24. Yilmaz A, Aktaş Z, Alici IO et al. Cryorecanalization: keys to success. *Surgical Endoscopy* 2012; 26: 2969–2974
- B25. Hetzel M, Hetzel J, Schumann C et al. Cryorecanalization: a new approach for the immediate management of acute airway obstruction. *J Thorac Cardiovasc Surg* 2004; 127: 1427–1431
- B26. Folch E, Mehta AC. Airway interventions in the tracheobronchial tree. *Semin Respir Crit Care Med*. 2008; 29: 441–452
- B27. Ernst A, Silvestri GA, Johnstone D. Interventional pulmonary procedures: Guidelines from the American College of Chest Physicians. *Chest* 2003; 123: 1693–1717
- B28. Lee H, Leem CS, Lee JH et al. Successful removal of endobronchial blood clots using bronchoscopic cryotherapy at bedside in the intensive care unit. *Tuberc Respir Dis (Seoul)* 2014; 77: 193–196
- B29. Sehgal IS, Dhooria S, Agarwal R et al. Use of a Flexible Cryoprobe for Removal of Tracheobronchial Blood Clots. *Respir Care* 2015; 60: e128-31
- B30. Weerdt SD, Noppen M, Remels L et al. Successful Removal of a Massive Endobronchial Blood Clot by Means of Cryotherapy. *Journal of Bronchology* 2005; 12: 23–24
- B31. Hammer J, Trachsel D, Nicolai T et al. Caution to use bronchoscopic CO2 cryotherapy for foreign body removal in children. *Pediatr Pulmonol* 2016; 51: 889–891
- B32. Ernst A, Feller-Kopman D, Becker HD et al. Central airway obstruction. *Am J Respir Crit Care Med* 2004; 169: 1278–1297
- B33. Sheski FD, Mathur PN. Endobronchial electrocautery: argon plasma coagulation and electrocautery. *Semin Respir Crit Care Med* 2004; 25: 367–374
- B34. Zenker M. Argon plasma coagulation. *GMS Krankenhhyg Interdiszip* 2008; 3: Doc15
- B35. Tremblay A, Marquette C-H. Endobronchial electrocautery and argon plasma coagulation: a practical approach. *Can Respir J* 2004; 11: 305–310
- B36. Bolliger CT, Sutedja TG, Strausz J et al. Therapeutic bronchoscopy with immediate effect: laser, electrocautery, argon plasma coagulation and stents. *Eur Respir J* 2006; 27: 1258–1271
- B37. Sutedja TG, van Boxem TJ, Schramel FM et al. Endobronchial Electrocautery is an Excellent Alternative for Nd: YAG Laser to Treat Airway Tumors. *J Bronchology Interv Pulmonol* 1997; 4
- B38. Ernst A, Anantham D. Update on interventional bronchoscopy for the thoracic radiologist. *J Thorac Imaging* 2011; 26: 263–277
- B39. Reichle G, Freitag L, Kullmann HJ et al. Argon plasma coagulation in bronchology:

- a new method--alternative or complementary? *Pneumologie* 2000; 54: 508–51
- B40. Morice RC, Ece T, Ece F et al. Endobronchial argon plasma coagulation for treatment of hemoptysis and neoplastic airway obstruction. *Chest* 2001; 119: 781–787
- B41. Basic knowledge in plasma surgery user brochure: 85800-038
- B42. VIO 3 user manual: D140792
- B43. Franke K-J, Szyrach M, Nilius G et al. Experimental study on biopsy sampling using new flexible cryoprobes: influence of activation time, probe size, tissue consistency, and contact pressure of the probe on the size of the biopsy specimen. *Lung* 2009; 187: 253–259
- B44. Amat B, Esselmann A, Reichle G et al. The electrosurgical knife in an optimized intermittent cutting mode for the endoscopic treatment of benign web-like tracheobronchial stenosis. *Arch Bronconeumol* 2012; 48: 14–21
- B45. Clinical evaluation of APC probes: D099576 v003
- B46. Jin F, Mu D, Xie Y et al. Application of bronchoscopic argon plasma coagulation in the treatment of tumorous endobronchial tuberculosis: Historical controlled trial. *J Thorac Cardiovasc Surg* 2013; 145: 1650–1653
- B47. Lentz RJ, Argento AC, Colby TV et al. Transbronchial cryobiopsy for diffuse parenchymal lung disease: A state-of-the-art review of procedural techniques, current evidence, and future challenges. *J Thorac Dis* 2017; 9: 2186–2203
-
1. Clinical assessment of cryoprobes D104429
 2. Instructions for use ERBECRYO® 2 80113-400
 3. Internal measurements D144193
 4. Internal test report D147320
 5. Internal measurements D135006
 6. Internal measurements D099747
 7. Usability report D129848
 8. Internal measurements D141473
 9. Internal measurements D145597
 10. Internal measurements D134929
 11. Internal measurements D134921
 12. Current patents: <https://www.erbe-med.com/ip>
 13. Raghu et al. 2018: Diagnosis of idiopathic pulmonary fibrosis – An official ATS/ERS/JRS/ALAT clinical practice guideline
 14. User acceptance test report D162230