

---

## Contents

|   |     |
|---|-----|
| <b>1. Physics and Principles of Ultrasound Imaging</b> . . . . .            | 1   |
| David Feller-Kopman   |     |
| <b>2. Relevant Thoracic Anatomy</b> . . . . .                               | 13  |
| Jed A. Gorden   |     |
| <b>3. Basic Principles of TBNA</b> . . . . .                                | 25  |
| Gaetane C. Michaud  |     |
| <b>4. Staging Principles in Lung Cancer</b> . . . . .                       | 45  |
| Sidhu P. Gangadharan  |     |
| <b>5. Technique, Anatomy and Application of Radial Ultrasound</b> . . . . . | 61  |
| Heinrich D. Becker  |     |
| <b>6. Endobronchial Ultrasound in Therapeutic Bronchoscopy</b> . . . . .    | 89  |
| Felix J.F. Herth  |     |
| <b>7. Endobronchial Ultrasound for Peripheral Lesions</b> . . . . .         | 103 |
| Ralf Eberhardt  |     |
| <b>8. EBUS-TBNA Bronchoscopy</b> . . . . .                                  | 119 |
| Kazuhiro Yasufuku   |     |
| <b>9. Comparing EUS and EBUS-Guided Needle Aspirations</b> . . . . .        | 145 |
| Armin Ernst and Mandeep S. Sawhney  |     |
| <b>10. Ultrasound as a Therapeutic Instrument</b> . . . . .                 | 153 |
| Mark Krasnik  |     |
| <b>Index</b> . . . . .  | 165 |



<http://www.springer.com/978-0-387-09436-6>

Endobronchial Ultrasound

An Atlas and Practical Guide

Ernst, A.; Herth, F.J. (Eds.)

2009, VI, 161 p. 145 illus., 80 illus. in color., Hardcover

ISBN: 978-0-387-09436-6