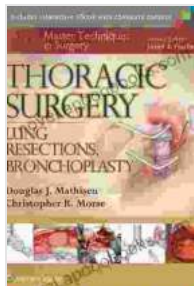


Lung Resections and Bronchoplasty: Master Techniques In Surgery



Thoracic Surgery: Lung Resections, Bronchoplasty (Master Techniques in Surgery) by Violeta Mihailovic-Vucinic

★★★★☆ 4.5 out of 5

Language : English
File size : 24152 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Print length : 496 pages
Screen Reader : Supported
X-Ray for textbooks : Enabled



Lung resections and bronchoplasty are complex surgical procedures that require a high level of skill and expertise. This comprehensive guide provides surgeons with a step-by-step approach to performing these procedures, offering expert insights and high-quality illustrations throughout.

Within these pages, you will discover:

- Detailed descriptions of various lung resection techniques, including wedge resection, segmentectomy, and lobectomy.
- Advanced techniques for performing bronchoplasty, such as sleeve resection and bronchial anastomosis.

- Preoperative planning and patient assessment strategies to ensure optimal outcomes.
- Expert guidance on managing intraoperative complications and postoperative care.

Chapter 1: Preoperative Considerations

This chapter provides an overview of the preoperative evaluation and planning process for lung resections and bronchoplasty. It covers topics such as:

- Patient selection and risk assessment
- Imaging studies and diagnostic tests
- Surgical planning and determining the appropriate procedure
- Preoperative optimization and patient education

Chapter 2: Lobectomy

Lobectomy, the removal of a lobe of the lung, is one of the most common lung resection procedures. This chapter provides a detailed guide to performing lobectomy, including:

- Step-by-step instructions for accessing the lung and isolating the target lobe.
- Techniques for dividing the pulmonary artery, bronchus, and pulmonary veins.
- Strategies for managing hilar lymph nodes and lymphadenectomy.

Types of Lobectomy Procedures



Open Lobectomy

A lobe of the lung is removed through a long chest incision.



VATS Lobectomy

A lobe of the lung is removed with the assistance of instruments and a camera.



RATS Lobectomy

A lobe of the lung is removed with the assistance of robots.

verywell

Chapter 3: Wedge Resection and Segmentectomy

Wedge resection and segmentectomy are less invasive lung resection techniques used to remove smaller lung lesions. This chapter describes these procedures in detail, including:

- Indications and contraindications for wedge resection and segmentectomy.
- Surgical techniques for performing these procedures under both open and video-assisted thoracoscopic approaches.
- Postoperative care and management of complications.

Chapter 4: Bronchoplasty

Bronchoplasty involves reconstructive procedures on the bronchi. This chapter covers advanced techniques for:

- Sleeve resection and bronchial anastomosis for tracheal and bronchial stenosis.
- Techniques for managing bronchial leaks and fistulas.
- Endoscopic bronchoplasty procedures.

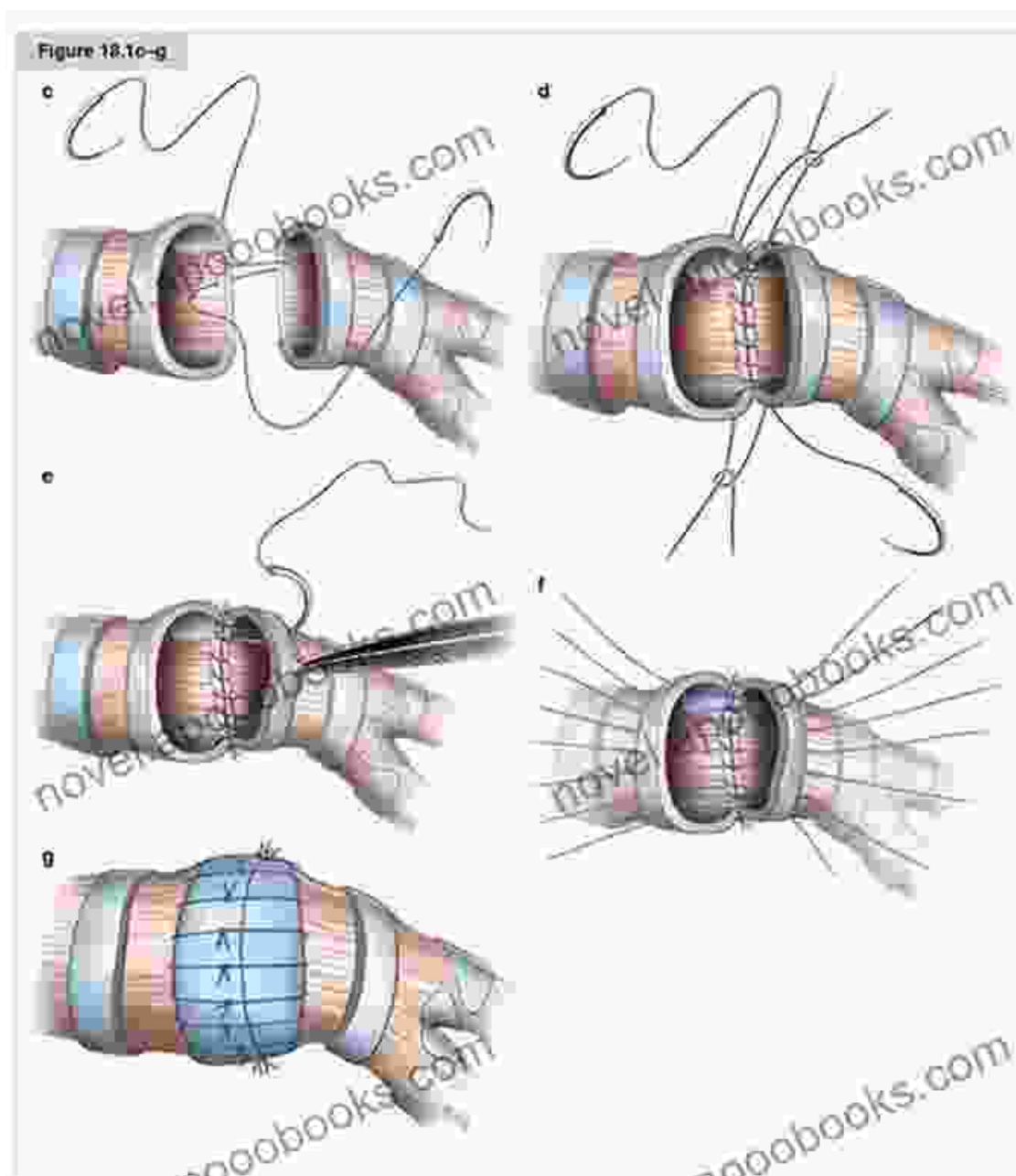


Illustration of a sleeve resection and bronchial anastomosis procedure, showing the anastomosis of the bronchial ends.

Chapter 5: Intraoperative Complications and Management

This chapter focuses on recognizing and managing potential intraoperative complications during lung resections and bronchoplasty. It covers topics such as:

- Management of bleeding and airway complications.
- Strategies for preventing and managing air leaks.
- Management of intraoperative cardiac events.

Chapter 6: Postoperative Care and Recovery

Postoperative care is crucial for optimizing patient outcomes after lung resections and bronchoplasty. This chapter provides guidance on:

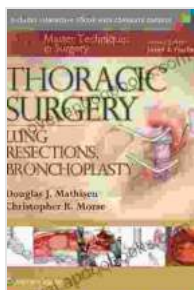
- Pain management and respiratory care.
- Monitoring for complications and early intervention.
- Rehabilitation and recovery strategies.

This comprehensive guide is an invaluable resource for surgeons performing lung resections and bronchoplasty. With its detailed descriptions, expert insights, and high-quality illustrations, it empowers surgeons with the knowledge and techniques necessary to achieve optimal patient outcomes.

By mastering the techniques described in this book, surgeons can confidently manage complex lung resections and bronchoplasty procedures, enhancing patient care and advancing the field of thoracic surgery.

Free Download your copy today and elevate your surgical skills to the next level!

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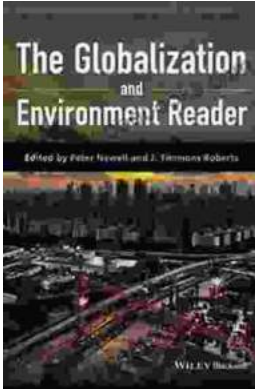


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