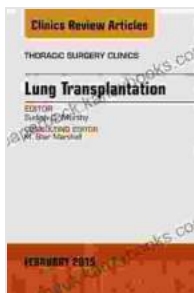


Lung Transplantation: An Issue Of Thoracic Surgery Clinics The Clinics

Lung transplantation is a life-saving procedure for patients with end-stage lung disease. The first successful lung transplant was performed in 1963, and since then, over 50,000 lung transplants have been performed worldwide.

Lung transplantation is a complex surgery, but it is a highly effective treatment for patients with end-stage lung disease. The survival rate for lung transplant patients is approximately 70% at 5 years.



Lung Transplantation, An Issue of Thoracic Surgery Clinics , E-Book (The Clinics: Internal Medicine)

by Lourdes Julian Çabuk

★★★★☆ 4 out of 5

Language : English
File size : 28692 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 240 pages



Patient Selection

The first step in lung transplantation is patient selection. Patients must be carefully evaluated to determine if they are good candidates for the

procedure. The ideal lung transplant candidate is a patient with end-stage lung disease who is otherwise healthy.

Patients who are not good candidates for lung transplantation include those with:

* Active infection * Severe heart or kidney disease * A history of cancer * A history of drug or alcohol abuse * A significant psychiatric illness

Surgical Techniques

There are two main surgical techniques used for lung transplantation:

* **Single lung transplantation:** This involves transplanting a single lung from a donor into the recipient. * **Double lung transplantation:** This involves transplanting both lungs from a donor into the recipient.

The type of surgical technique used depends on the patient's individual circumstances.

Immunosuppression

After lung transplantation, the patient's immune system must be suppressed to prevent rejection of the transplanted lungs.

Immunosuppression is achieved through the use of medications.

The most common immunosuppressive medications used after lung transplantation are:

* Tacrolimus * Cyclosporine * Azathioprine * Mycophenolate mofetil

The dosage of immunosuppressive medications must be carefully monitored to avoid side effects.

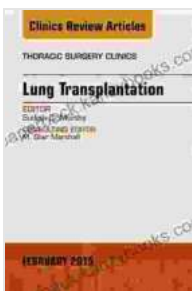
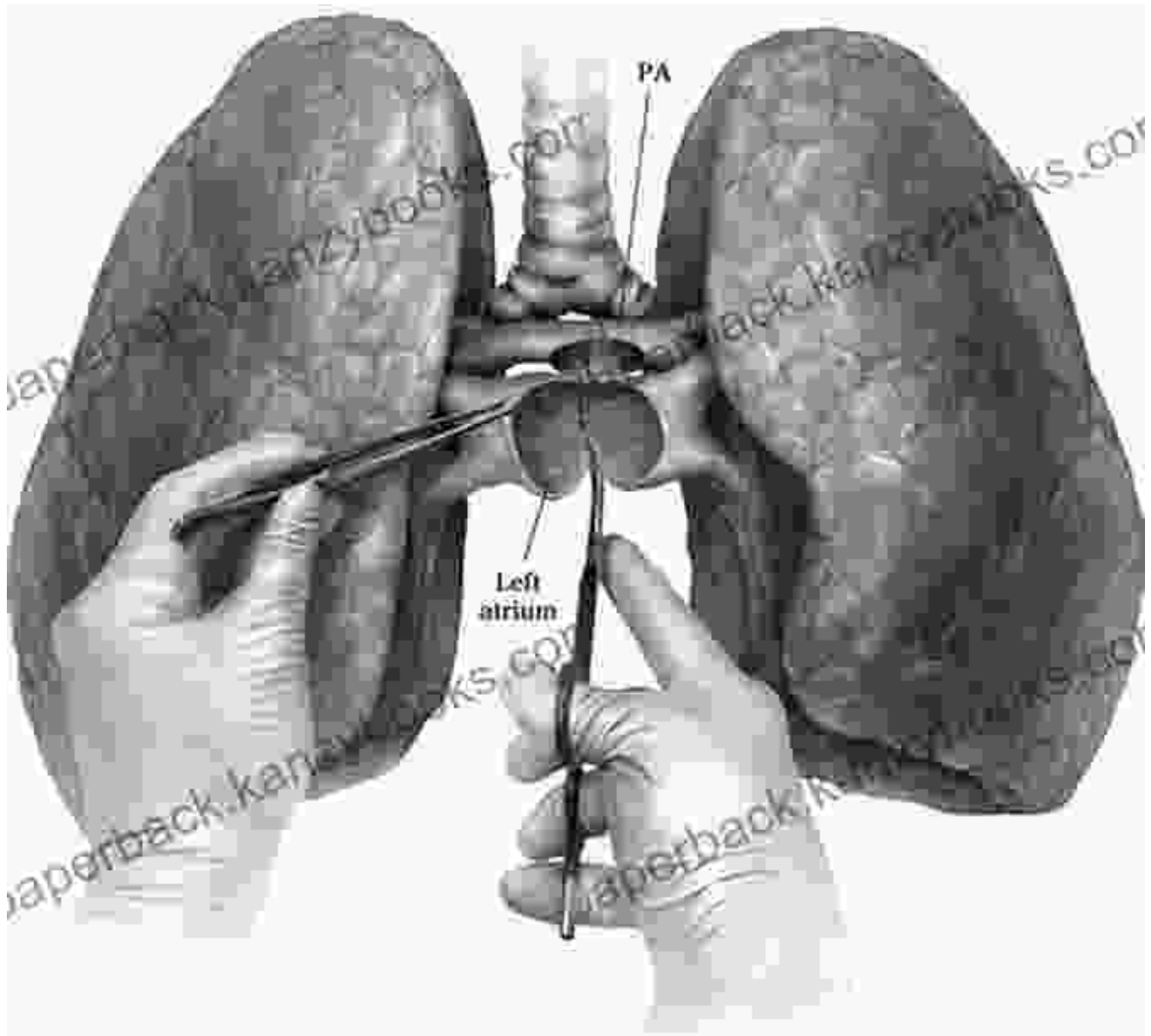
Post-Operative Care

After lung transplantation, the patient will spend several weeks in the hospital recovering. During this time, the patient will be closely monitored for signs of rejection and other complications.

The patient will also be taught how to take care of their transplanted lungs. This includes taking immunosuppressive medications, performing breathing exercises, and avoiding exposure to infection.

Lung transplantation is a life-saving procedure for patients with end-stage lung disease. The survival rate for lung transplant patients is approximately 70% at 5 years.

This book provides a comprehensive overview of lung transplantation, including patient selection, surgical techniques, immunosuppression, and post-operative care. This book is a valuable resource for thoracic surgeons, pulmonologists, and other healthcare professionals involved in the care of lung transplant patients.



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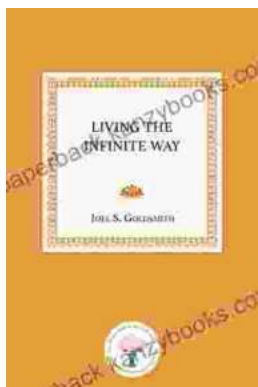
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