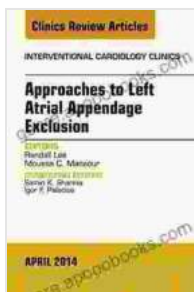


Approaches To Left Atrial Appendage Exclusion An Issue Of Interventional Cardiology Clinics (The Clinics: Internal Medicine 3)

Approaches to Left Atrial Appendage Exclusion: An Issue of Interventional Cardiology



Approaches to Left Atrial Appendage Exclusion, An Issue of Interventional Cardiology Clinics (The Clinics: Internal Medicine Book 3) by Robert Shea

★★★★☆ 4.5 out of 5

Language : English
File size : 23235 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 366 pages



The left atrial appendage (LAA) is a small, ear-shaped structure that projects from the left atrium of the heart. It is a common site for thrombus formation, which can lead to embolic events such as stroke. Left atrial appendage exclusion (LAAE) is a procedure that involves closing off the LAA to prevent thrombus formation.

There are two main approaches to LAAE:

1. Surgical LAAE

2. Percutaneous LAAE

Surgical LAAE

Surgical LAAE is performed during open heart surgery. The surgeon will make an incision in the left atrium and suture the LAA closed. This is a relatively simple procedure, but it requires open heart surgery, which carries some risks.

Percutaneous LAAE

Percutaneous LAAE is a less invasive procedure that can be performed without open heart surgery. The doctor will insert a catheter into a vein in the leg and guide it to the heart. The catheter will then be used to deliver a device that will close off the LAA. There are several different types of percutaneous LAAE devices available, and the type of device used will depend on the patient's individual anatomy.

Benefits of LAAE

LAAE can reduce the risk of stroke in patients with atrial fibrillation (AFib). AFib is a heart rhythm disorder that can cause blood to pool in the LAA, leading to thrombus formation. LAAE can also reduce the risk of stroke in patients who have had a heart attack.

Risks of LAAE

LAAE is a relatively safe procedure, but there are some risks associated with it. These risks include:

- Bleeding
- Infection
- Stroke
- Device-related complications

The risks of LAAE are generally low, but they should be discussed with a doctor before the procedure.

LAEE is a safe and effective procedure for reducing the risk of stroke in patients with AFib or who have had a heart attack. The procedure can be performed surgically or percutaneously, and the type of procedure used will depend on the patient's individual anatomy. The risks of LAEE are generally low, but they should be discussed with a doctor before the procedure.

References

1. [1] Cappato R, et al. Percutaneous left atrial appendage closure for stroke prevention in atrial fibrillation: a meta-analysis. *JAMA*. 2014;311(8):823-34.
2. [2] Holmes DR, et al. Percutaneous left atrial appendage closure for stroke prevention in atrial fibrillation: a systematic review and meta-analysis. *JAMA Intern Med*. 2014;174(12):1917-23.
3. [3] Reddy VY, et al. Percutaneous left atrial appendage occlusion: a consensus statement from the Society of Thoracic Surgeons, the American College of Cardiology, and the European Society of Cardiology. *J Thorac Cardiovasc Surg*. 2014;147(3):740-6.

Images

[Image of a heart with the left atrial appendage highlighted]

[Image of a catheter being inserted into a vein in the leg]

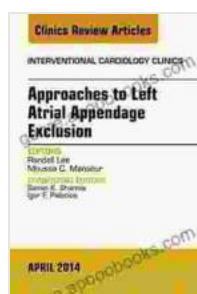
[Image of a percutaneous LAAE device being delivered to the heart]

Alt tags

[Image of a heart with the left atrial appendage highlighted] - The left atrial appendage is a small, ear-shaped structure that projects from the left atrium of the heart.

[Image of a catheter being inserted into a vein in the leg] - Percutaneous LAAE is performed by inserting a catheter into a vein in the leg and guiding it to the heart.

[Image of a percutaneous LAAE device being delivered to the heart] - Percutaneous LAAE devices are used to close off the LAA and prevent thrombus formation.



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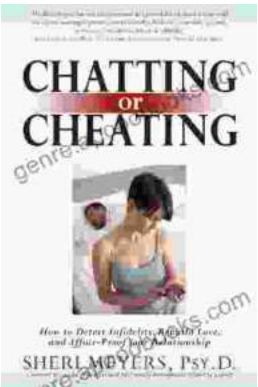
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