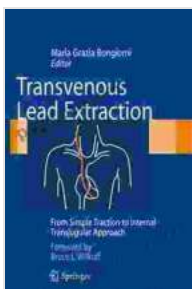


# From Simple Traction to Internal Transjugular Approach: A Comprehensive Guide to Carotid Endarterectomy

Carotid endarterectomy (CEA) is a surgical procedure to remove plaque from the carotid artery, which is the main artery that supplies blood to the brain. Plaque is a buildup of cholesterol, fat, calcium, and other substances that can narrow the artery and restrict blood flow to the brain. CEA is the most common type of surgery to prevent stroke in people who have carotid artery disease.

The first CEA was performed in 1953 by Michael DeBakey. The procedure was initially performed through a large incision in the neck. In the 1960s, surgeons began to perform CEA through a smaller incision, which reduced the risk of complications. In the 1970s, surgeons began to use microsurgical techniques to perform CEA, which further reduced the risk of complications.

There are two main types of CEA:



## Transvenous Lead Extraction: From Simple Traction to Internal Transjugular Approach by Mhairi McFarlane

★★★★★ 5 out of 5

Language : English  
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Text-to-Speech : Enabled  
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- **Eversion endarterectomy:** This is the traditional type of CEA. The surgeon makes an incision in the carotid artery and then everts the plaque out of the artery.
- **Transluminal endarterectomy:** This is a newer type of CEA that is less invasive than eversion endarterectomy. The surgeon makes a small incision in the carotid artery and then inserts a stent into the artery. The stent pushes the plaque against the wall of the artery, which opens up the artery and restores blood flow to the brain.

CEA is a major surgery, but it is generally safe and effective. The risks of CEA include:

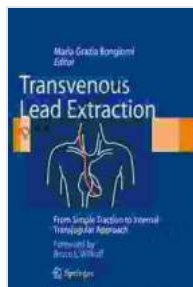
- Stroke
- Death
- Bleeding
- Infection
- Nerve damage
- Carotid artery stenosis
- Carotid artery occlusion
- Carotid artery dissection
- Carotid artery aneurysm
- Carotid artery injury

The benefits of CEA include:

- Reduced risk of stroke
- Improved blood flow to the brain
- Relief of symptoms of carotid artery disease

CEA is a safe and effective surgery to prevent stroke in people who have carotid artery disease. The risks and benefits of CEA should be carefully considered before making a decision about whether to have the surgery.

1. [Carotid Endarterectomy](#)
2. [Carotid Artery Disease](#)
3. [Stroke](#)



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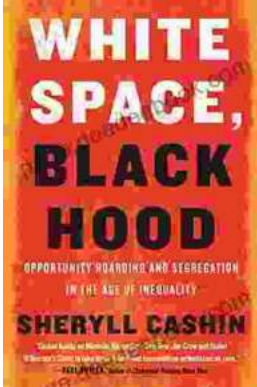
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