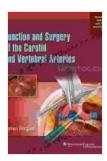
Function and Surgery of the Carotid and Vertebral Arteries: A Comprehensive Guide

The carotid and vertebral arteries are two of the major arteries that supply blood to the brain. The carotid arteries are located on either side of the neck, while the vertebral arteries are located at the back of the neck. These arteries are responsible for supplying oxygen and nutrients to the brain, and they also help to remove waste products from the brain.

Function of the Carotid and Vertebral Arteries

The carotid arteries are responsible for supplying blood to the front and sides of the brain. The vertebral arteries supply blood to the back and top of the brain. These arteries work together to ensure that the brain receives a constant supply of oxygen and nutrients.



Function and Surgery of the Carotid and Vertebral

Arteries by Ramon Berguer

★★★★ 5 out of 5

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Enhanced typesetting : Enabled

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Surgery of the Carotid and Vertebral Arteries

Surgery on the carotid or vertebral arteries is typically performed to treat a condition called atherosclerosis. Atherosclerosis is a condition in which plaque builds up in the arteries, narrowing them and reducing blood flow to the brain. This can lead to a stroke, which is a serious medical condition that can cause permanent brain damage.

There are two main types of surgery that can be performed on the carotid or vertebral arteries: carotid endarterectomy and vertebral artery stenting. Carotid endarterectomy is a procedure in which the plaque is removed from the carotid artery. Vertebral artery stenting is a procedure in which a stent is placed in the vertebral artery to keep it open.

Risks of Surgery on the Carotid and Vertebral Arteries

Surgery on the carotid or vertebral arteries is a major surgery, and there are some risks associated with it. These risks include:

- Stroke
- Bleeding
- Infection
- Nerve damage
- Death

Recovery from Surgery on the Carotid and Vertebral Arteries

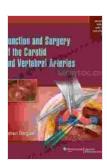
After surgery on the carotid or vertebral arteries, you will need to stay in the hospital for a few days. During this time, you will be monitored closely for any complications. Once you are discharged from the hospital, you will need to follow your doctor's instructions carefully. This may include taking

medication, attending follow-up appointments, and making lifestyle changes.

Long-Term Outlook after Surgery on the Carotid and Vertebral Arteries

The long-term outlook after surgery on the carotid or vertebral arteries is generally good. Most people who undergo this surgery are able to resume their normal activities and live full and productive lives.

The carotid and vertebral arteries are two of the most important arteries in the body. They supply blood to the brain, and they help to remove waste products from the brain. Surgery on these arteries is a major surgery, but it can be life-saving for people who are at risk of stroke.



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