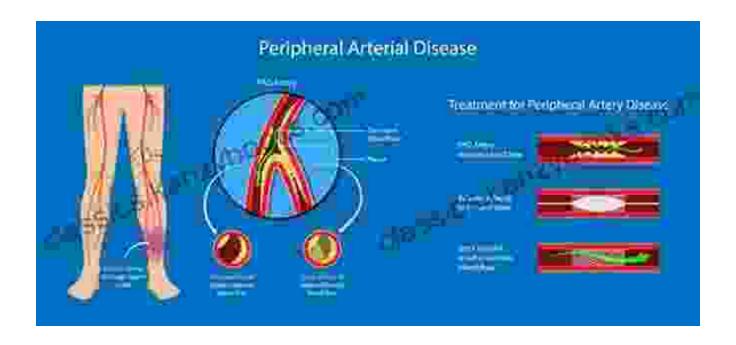
# Peripheral Arterial Disease: A Comprehensive Guide to Diagnosis, Treatment, and Prevention



#### **What is Peripheral Arterial Disease?**

Peripheral arterial disease (PAD) is a condition that affects the arteries in your legs and feet. It occurs when plaque, a waxy substance made up of cholesterol, fat, and other substances, builds up in the arteries. This plaque narrows the arteries and reduces blood flow to your legs and feet.



#### Peripheral Arterial Disease by Charisse Ward

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PAD is a serious condition that can lead to pain, numbness, and cramping in your legs. It can also increase your risk of heart attack and stroke. In severe cases, PAD can lead to amputation.

#### **Symptoms of Peripheral Arterial Disease**

The symptoms of PAD can vary depending on the severity of the condition. In the early stages, you may not have any symptoms. As the condition progresses, you may experience:

\* Pain, numbness, or cramping in your legs or feet, especially when you walk or exercise \* Leg fatigue \* Coldness in your legs or feet \* Changes in the color of your legs or feet \* Sores or ulcers on your legs or feet that don't heal \* Weak or absent pulses in your legs or feet

#### **Causes of Peripheral Arterial Disease**

PAD is caused by a buildup of plaque in the arteries in your legs and feet. Plaque is made up of cholesterol, fat, and other substances. When plaque builds up, it narrows the arteries and reduces blood flow to your legs and feet.

There are a number of factors that can increase your risk of developing PAD, including:

\* Smoking \* High blood pressure \* High cholesterol \* Diabetes \* Obesity \* Physical inactivity \* Family history of PAD

#### **Diagnosis of Peripheral Arterial Disease**

Your doctor can diagnose PAD by performing a physical exam and asking about your symptoms. Your doctor may also Free Download one or more of the following tests:

\* Ankle-brachial index (ABI): This test compares the blood pressure in your ankle to the blood pressure in your arm. A low ABI can indicate PAD. \* Doppler ultrasound: This test uses sound waves to create images of the blood flow in your legs and feet. Doppler ultrasound can show how narrow your arteries are and how much blood is flowing through them. \* Angiography: This test uses X-rays and a contrast dye to create images of the arteries in your legs and feet. Angiography can show the location and severity of any blockages in your arteries.

#### **Treatment of Peripheral Arterial Disease**

The treatment for PAD will depend on the severity of the condition. Treatment options may include:

\* Lifestyle changes: Lifestyle changes, such as quitting smoking, eating a healthy diet, and exercising regularly, can help to improve blood flow to your legs and feet and prevent PAD from getting worse. \* Medications: Medications, such as statins and blood thinners, can help to lower cholesterol, prevent blood clots, and improve blood flow to your legs and feet. \* Surgery: Surgery may be necessary to remove plaque from your arteries or to bypass the blocked arteries.

### **Prevention of Peripheral Arterial Disease**

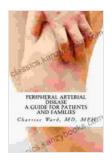
There are a number of things you can do to prevent PAD, including:

\* Quitting smoking \* Eating a healthy diet \* Exercising regularly \*

Maintaining a healthy weight \* Controlling your blood pressure \* Managing

your cholesterol \* Getting regular checkups with your doctor

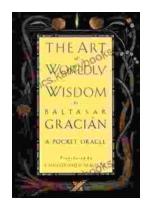
PAD is a serious condition, but it can be managed with proper treatment. If you have any of the symptoms of PAD, see your doctor right away.



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