

# Choosing Wisely<sup>®</sup>

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 Society for  
Vascular Medicine

  
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## Treating blocked leg arteries

### When you need a procedure—and when you don't

**T**he arteries in your legs can get blocked, just like the arteries in your heart. When this happens, less blood flows to your legs. This is called peripheral artery disease (PAD).

If your leg arteries are badly blocked, you may develop foot pain while resting or a sore that won't heal. In this case, you may need a procedure to remove the blockages. But usually, people with PAD do not need a procedure. Here's why:

#### **A procedure only helps for severe symptoms.**

If PAD causes severe leg pain when walking, you may stop doing that and other activities. Surgery to bypass the blockage can relieve these symptoms. So can another procedure known as angioplasty.

#### **Most people do not have symptoms.**

For most people, PAD does not cause symptoms. Those who do develop symptoms might get a heavy, tired feeling or cramping in the legs while walking that only goes away when they stop walking. Taking medicine and walking more can actually reduce your symptoms and help keep PAD from getting worse.

Some doctors mistakenly recommend having surgery or angioplasty even if you do not have symptoms. However, this does not make people with PAD feel better or prevent future leg problems. Most people



with PAD never develop problems that need surgery or angioplasty. This is because they do not have symptoms or because medicine and exercise work well enough to treat the pain and allow a normal lifestyle.

#### **There are safe and simple ways to keep PAD from getting worse.**

To control PAD, you should stop smoking if you do smoke and walk every day. And you should also work with your doctor to control other risk factors, such as diabetes, high blood pressure, and high cholesterol.

Even if you have symptoms, you may be better off not having a procedure. Studies show that walking every day can relieve symptoms just as well as angioplasty, in some cases.

## How to manage PAD

Taking these steps can help keep PAD from getting worse. They can also reduce your risk of having a heart attack or stroke.

- **Don't smoke.** Smoking even one or two cigarettes a day can keep treatment for PAD from working. If you smoke, talk to your doctor about approved options for quitting, such as nicotine replacement therapy and the drug varenicline (Chantix). Medicines work especially well when combined with a stop-smoking program.
- **Exercise regularly.** Walking, followed by periods of rest, can help reduce symptoms. If your health insurance will not pay for a supervised program, ask your doctor to help you plan a routine.
- **Eat healthy foods.** Follow a heart-healthy diet. This includes lots of fruits, vegetables, nuts, and whole grains, poultry and fish. A healthy diet is also low in saturated fat. Avoid trans fats and limit foods with added sugars, such as desserts and sodas.
- **Take your medicines.** You will need to take aspirin or clopidogrel (Plavix and generic) to reduce your risk of heart attack and stroke. Your doctor may also prescribe cilostazol (Pletal and generic) to help ease leg pain and let you walk farther. And you may need medicines for other risk factors, such as high blood pressure, high cholesterol, or diabetes.
- **Take care of your feet.** Wear comfortable shoes that don't rub. Wash your feet daily with warm water and mild soap, and use moisturizer cream on your legs and feet. Check for cuts, sores, blisters, or other injuries. Call your doctor if you notice a problem. If you have diabetes, take extra care of your feet.



### Surgery and angioplasty have risks, and it takes time to get better.

Bypass surgery on your legs has all the dangers of major surgery. It takes two to three weeks for the wound to heal. Risks include infection, bleeding from the wound, and complications from anesthesia, such as trouble breathing or pneumonia. And about three out of 100 people who have bypass surgery have a heart attack or die.

Angioplasty is not as hard on your body as surgery, and the recovery is faster. But stents may not provide a lasting treatment, and the original symptoms can come back within a year. Rarely, when a stent is being inserted, dangerous bleeding may happen and the stent may come apart.

Both procedures can, in rare cases, cause a partly blocked artery to close up completely. Then you may need an emergency procedure. If the procedure cannot be done right away, your leg may have to be amputated.

### Surgery and angioplasty cost a lot.

Surgery or angioplasty, including your hospital stay, can cost \$20,000 or more.

### When do you need a procedure for PAD?

You and your doctor should consider surgery or angioplasty if:

- Your symptoms are severe enough to limit your lifestyle or your ability to work.
- Simpler treatments, such as exercise and medicine, have not helped.

See your doctor right away to be evaluated for a procedure if you have any of these signs:

- Foot pain when you're resting, especially at night.
- Sores on your toes or feet that do not heal.
- A toe that looks blue or black and may hurt.

This report is for you to use when talking with your healthcare provider. It is not a substitute for medical advice and treatment. Use of this report is at your own risk.

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