



Peripheral Artery Disease (PAD)

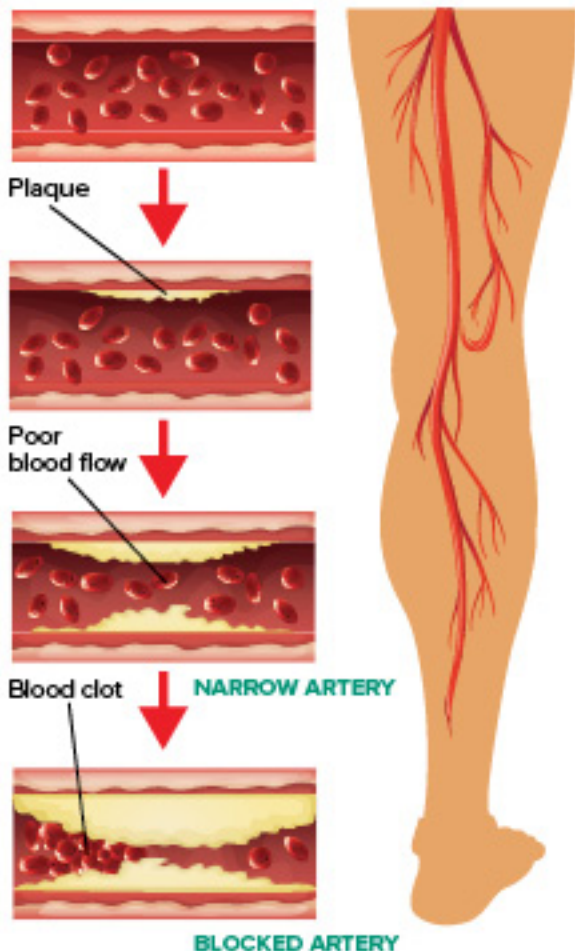
**Minimally Invasive Treatment Options
Save Limbs. Save Lives.**



NORTH STAR
VASCULAR & INTERVENTIONAL

What is PAD?

Peripheral Artery Disease (PAD) occurs when arteries in the legs become narrowed or blocked, usually due to plaque buildup. This limits blood flow and can lead to pain, slow-healing wounds, infections, or even amputation. PAD is common—affecting 1 in 5 Americans over age 65—and is often underdiagnosed.



Why It's Serious

When PAD goes untreated, it can cause severe leg pain, limited mobility, and wounds that don't heal. In advanced cases, it can lead to tissue death (gangrene), amputation, and life-threatening infections. Early diagnosis and treatment are essential to avoid these outcomes.

The Limb Salvage Program

At North Star Vascular & Interventional, we specialize in preventing amputations through early intervention. If you've been told you need an amputation, get a second opinion—we may be able to save your limb.

Why Choose Us?

Our team includes nationally recognized leaders in interventional radiology who have pioneered many of these procedures. Located in Minneapolis, our outpatient center offers cutting-edge care with a compassionate approach—minimally invasive, highly effective, and tailored to your needs.

Don't Wait

If you're experiencing symptoms or have risk factors, talk to your doctor or contact us.

Delaying care can cost you a limb—or your life.

STAGE 0



No defect

STAGE 1



Superficial ulcer

STAGE 2



Deep ulcer

STAGE 3



Osteitis

STAGE 4



Partial gangrene of the foot

STAGE 5



Gangrene of the whole foot

Are You at Risk?

People with diabetes, high blood pressure, high cholesterol, or a history of heart disease or stroke are at higher risk. Smoking, being overweight, and age over 50 also increase risk. African Americans are more likely to develop PAD than other groups.



High Blood Pressure



Over 50



Overweight



Family History



Smoking



Diabetes

Common Symptoms

PAD symptoms often develop slowly and may be mistaken for other conditions like arthritis or neuropathy. Look for:

- Leg pain, numbness, or weakness
- Cold feet or legs
- Discoloration in the skin of the limbs
- Wounds on the feet or toes that don't heal
- Poor nail or hair growth
- Erectile dysfunction (in men)

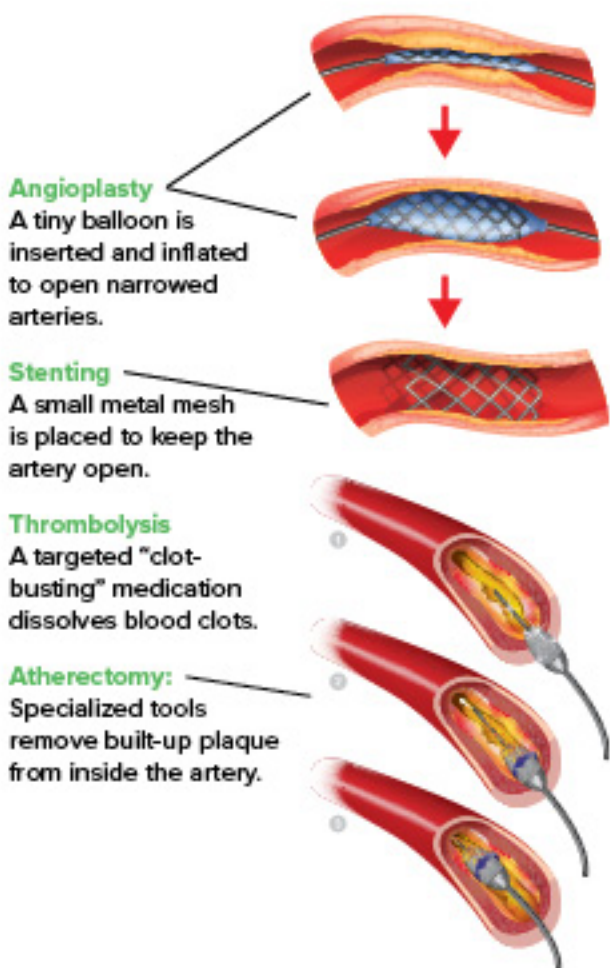
Diagnosis is Easy

PAD can be diagnosed through a quick, non-invasive exam. Common tests include a physical exam, ankle-brachial index (ABI), ultrasound, or advanced imaging like CT or MR angiography. A diagnostic angiogram may be used to pinpoint blockages.

Treatment Options

In early stages, PAD may be managed with medication and lifestyle changes like quitting smoking and increasing physical activity.

For more advanced cases, we offer minimally invasive procedures that restore blood flow without open surgery—using state-of-the-art imaging and tools for precision and safety:



These advanced treatments mean faster recovery, less discomfort, and better outcomes—without the need for hospitalization or large incisions.

North Star Vascular & Interventional

The doctors at NSVI are pioneers in Interventional radiology. Hailing from some of the region's most prestigious healthcare and academic institutions, they were among the first (if not the first) to perform certain imaging-guided procedures in the United States.

NSVI offers the full range of minimally invasive vascular and interventional radiology services, including cancer treatment, at their state-of-the-art Minneapolis-based outpatient center. Cancer, spine fractures, uterine fibroids, knee osteoarthritis and vascular disease can be treated faster, less expensively and with greater precision and safety than ever before.

To learn more, visit NorthStarIR.com.



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