

san antonio

VASCULAR

Saving Limbs and Lives

At Modern Vascular, dedicated doctors tackle peripheral arterial disease with cutting-edge technology.



It's known among vascular experts as a "silent killer," with symptoms that may take years to develop. Eventually, however, peripheral arterial disease (PAD)—the narrowing of peripheral arteries that lead to the legs, arms, stomach, and head—can cause serious complications, including amputation, stroke, and death.

Attuned to PAD's perils, Dr. Jeffrey Martinez and Dr. Dallas Broadway of Modern Vascular in San Antonio are harnessing cutting-edge technology to slow PAD's progress among vulnerable populations. In fact, Modern Vascular was recognized by Global Health & Pharma as the Best Peripheral Artery Disease Treatment Specialists in the country in 2020.

"While our skill sets are different, we've arrived at the same niche of treating this particular disease," says Dr. Martinez, a board-certified vascular surgeon.

"We're trying to save limbs," adds Dr. Broadway, a board-certified vascular and interventional radiology

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Listen to it."**

Dr. Jeffrey Martinez

specialist. "There are too many amputations in this patient population. Ninety percent of PAD-related amputations are preventable."

More than 12 million people in the United States suffer from PAD, and diabetics are at an increased risk. Yet, despite PAD's prevalence, its symptoms are not as well known as those of a heart attack or stroke.

"PAD can happen gradually over the years," says Dr. Martinez. "You can be young and without symptoms for a while before you start to feel pain in your legs. Leg pain can be an early warning. Listen to it."

That pain is from atherosclerosis, the blockage of arteries sticky with plaque. It can cause people to have to stop and

rest often when walking; they may even notice stubborn ulcerations on their feet. While symptoms often increase with age, they're exacerbated by risk factors such as smoking, diabetes, high blood pressure, high cholesterol, and kidney disease. Left untreated, PAD can lead to muscle wasting, critical limb ischemia, gangrene, and amputation.

Minimally Invasive Outpatient Procedures

The traditional treatment for PAD has historically been surgical bypass, requiring hospital stays and extended recovery times. Luckily, advances in technology offer new hope for patients.

At Modern Vascular, treatment for PAD is a minimally invasive outpatient procedure using sedation and a needle puncture. Depending on the size and location of the blockages, the doctors can utilize three different treatments to restore blood flow: dilating the artery with a balloon; shaving off the plaque; or using a stent to keep the blood vessel expanded. A closure device seals the puncture site, and patients can go home within an hour, usually with a pair of compression stockings to help with swelling.

"You see the difference in a person's face when you revascularize their legs," says Dr. Broadway. "They are genuinely happy. You're not just prescribing them a medication; you are doing a procedure that can change their lives for an indefinite period of time."

Although not a cure, the interventions at Modern Vascular help those with PAD live with a restored quality of life by enabling them to reengage in daily activities and exercise.

"Some of these patients have been led to believe there's no hope," Dr. Martinez says. "We've been able to restore that hope and change their lives by giving them an option that no one else has."

MODERN VASCULAR®

Modern Vascular offers two clinics in San Antonio—one on Huebner Road and one on Lexington Avenue. For more information or to schedule an appointment, call **888-278-5866** or visit **ModernVascular.com**.