PERIPHERAL ARTERY DISEASE

Prevalence, risks and treatment options

PREVALENCE

20%

UP TO 20%
OF AMERICANS OVER 60 HAVE PAD.[1]

25%

YET ONLY 25%
OF AMERICANS ARE EVEN AWARE OF THE DISEASE.[1]

According to the Journal of the American Heart Association:

"PAD IS AN IMPORTANT CIRCULATORY SYSTEM DISORDER **SIMILAR IN PREVALENCE TO STROKE AND CORONARY HEART DISEASE."**[2]

IT AFFECTS
MEN & WOMEN EQUALLY[3]

THE RISK IS HIGHER AMONG
AFRICAN AMERICAN MEN & WOMEN[2]

RISKS AND UNDERDIAGNOSIS

PEOPLE WITH PAD ARE
6-7X MORE AT RISK
FOR HEART ATTACK AND STROKE

ALL-CAUSE MORTALITY IS
3X GREATER IN PATIENTS WITH PAD

SMOKING INCREASES THE RISK
OF DEVELOPING PAD 2-6X AND IT WORSENS THE SYMPTOMS OF PAD[4]

PAD OFTEN GOES UNDIAGNOSED BY HEALTHCARE PROFESSIONALS[5]

- **ONLY 10%** OF THOSE WITH PAD HAVE CLASSIC **SYMPTOMS OF CLAUDICATION**
- **40% DO NOT COMPLAIN OF LEG PAIN**
- **50% HAVE A VARIETY OF LEG SYMPTOMS DIFFERENT** FROM CLASSIC CLAUDICATION
- **25% OF PAD** CASES PROGRESS TO **CRITICAL LIMB ISCHEMIA**
- **PAD CAN LEAD TO GANGRENE & AMPUTATION**[5] IF LEFT UNTREATED

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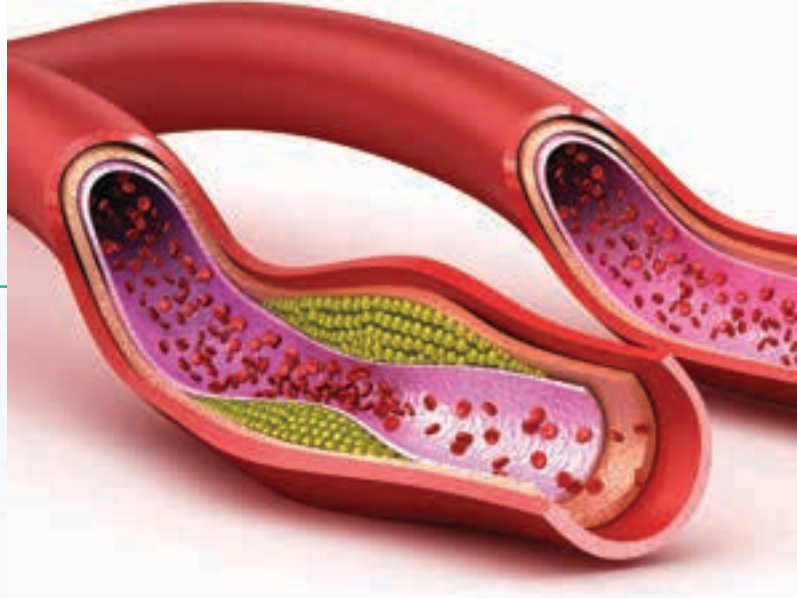
PERIPHERAL ARTERY DISEASE



TREATMENT

Endovascular therapy and bypass surgeries are the two most common revascularization treatments. However, surgical bypass compromises the arteries—if it fails the next step for the patient is amputation. Angioplasty does not affect future treatment options.

Endovascular therapy is an effective first-line therapy for PAD due to:

- **EXCELLENT OUTCOMES**
  92% SUCCESS RATE FOR ANGIOPLASTY WITH OR WITHOUT STENTING[6]
- **LONG TERM CLINICAL RESULTS**
  COMPARABLE TO AORTOFEMORAL ARTERY BYPASS SURGERY[6]
- **LOWER PROCEDURE MORBIDITY AND MORTALITY**
- **SHORTER HOSPITAL LENGTH OF STAY (LOS)**
- **LOWER COST**
- **EASIER PATIENT TOLERANCE**
- **ENDOVASCULAR APPROACHES DO NOT PRECLUDE FUTURE SURGICAL OPTIONS**
  FOR SUBSEQUENT REVASCULARIZATIONS[7,8,9]
- PAD ENDOVASCULAR TREATMENT CAN PLAY A CRUCIAL ROLE IN **PREVENTION OF AMPUTATION IN DIABETIC PATIENTS.[10]**

> **"The regions we serve in the Minneapolis area have very high amputation rates. The goal of our limb salvage program is to significantly lower the number of amputations with patient education, early detection and effective treatment.**
>
> ***- Amin Astani, M.D., North Star Vascular***

At NSVI, we offer a number of image-guided endovascular approaches to treat PAD. These include:

- **Percutaneous transluminal angioplasty (with or without stenting)**
- **Specialty stent placement**
- **Atherectomy**

Dr. Amin Astani of NSVI has extensive clinical experience with peripheral artery disease and its treatment. If you are interested in learning more about therapies for PAD or to speak with Dr. Astani, please call 952-960-9399.

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