Peripheral Artery Disease Prevalence

An estimated 200 million worldwide, and 20 million in the US, have peripheral artery disease (PAD). PAD has a 5-year mortality rate of 30%. PAD is estimated to cost the US healthcare system $319 billion annually. The average cost to treat a medicare beneficiary was $11,173 in 2015, while it was over $72,000 for someone with PAD.

Risk Factors

It’s important to note that over 50% of patients with PAD do not present with the typical symptoms listed above. The presence of risk factors strongly supports wider screening for at-risk populations.

• Age > 65, or
• Age > 50 w/smoking, hypertension, hyperlipidemia, diabetes, or PAD family history
• Diminished or absent lower extremity pulses and/or arterial bruit
• Non-healing lower-extremity wounds
• Known other atherosclerotic disease

American College of Cardiology Guidelines

Typical symptoms of PAD

» Claudication (pain while walking)
» Resting leg discomfort
» Ulcerations
» Gangrene
» Extremity Trauma
» Lower extremity embolism or thrombosis

These patient populations have a 30% PAD prevalence rate

Smokers 50+  
Diabetics 50+  
All patients 70+

PAD and CAD

Studies have shown that if a patient has CAD, there is a 20% chance they have PAD. More importantly, if they have PAD, there is an 80% chance they have CAD.