

Carotid, Aortic and Peripheral Arterial Disease: Powerful Markers of Coronary Disease and Prognosis

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Disclosures

■ Research

- NIH: Genetics of peripheral arterial disease; CORAL Trial
- Genzyme: HIF 1 alpha gene therapy
- Consultant
- Bristol Myers/Sanofi Partnership
- Genzyme

Patients with Atherosclerosis in Other Vascular Beds Die Prematurely from Cardiovascular Disease

- Peripheral Arterial Disease
- Aortic Disease:
 - Aortic Aneurysm
 - Aortic Atherosclerosis
 - Atheromatous Embolization
- Renal Artery Disease
- Carotid Artery Disease

ACC/AHA Guidelines for the Management of Peripheral Arterial Disease

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ACC/AHA PRACTICE GUIDELINES—FULL TEXT

ACC/AHA Guidelines for the Management of Patients With Peripheral Arterial Disease (Lower Extremity, Renal, Mesenteric, and Abdominal Aortic): A Collaborative Report from the American Association for Vascular Surgery/Society for Vascular Surgery,* Society for Cardiovascular Angiography and Interventions, Society for Vascular Medicine and Biology, Society of Interventional Radiology, and the ACC/AHA Task Force on Practice Guidelines (Writing Committee to Develop Guidelines for the Management of Patients With Peripheral Arterial Disease)

Endorsed by the American Association of Cardiovascular and Pulmonary Rehabilitation; National Heart, Lung, and Blood Institute; Society for Vascular Nursing; TransAtlantic Inter-Society Consensus; and Vascular Disease Foundation

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§Can also be found on the World Wide Web sites of the Society for Cardiovascular Angiography and Interventions (www.scai.org), Society for Vascular Medicine and Biology (www.svmh.org), Society of Interventional Radiology (www.sirweb.org), and Vascular Disease Foundation (www.vdf.org).

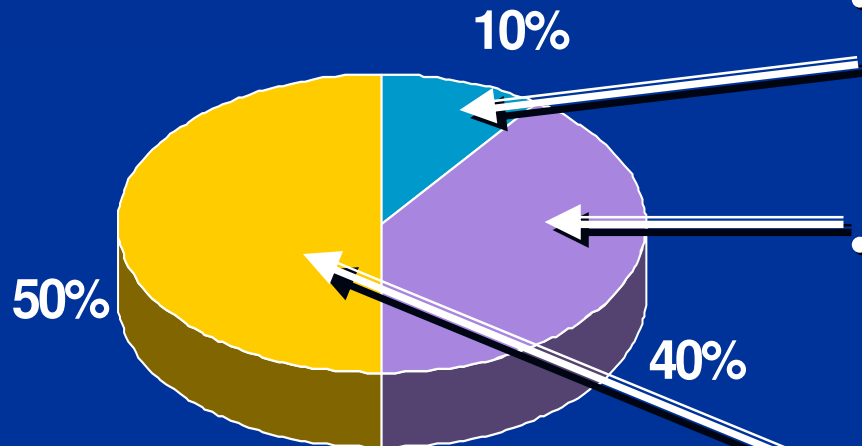
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Intermittent claudication

- **Aching, pain, tiredness, tightness, cramping in the buttocks, thigh, calf or foot brought on by exercise and relieved by rest**
 - **reproducible with a consistent level of exercise from day to day**
 - **completely resolves within 2-5 minutes after the exercise has stopped**
 - **occurs again at the same distance once walking has resumed**

Some Not So Well Known Facts

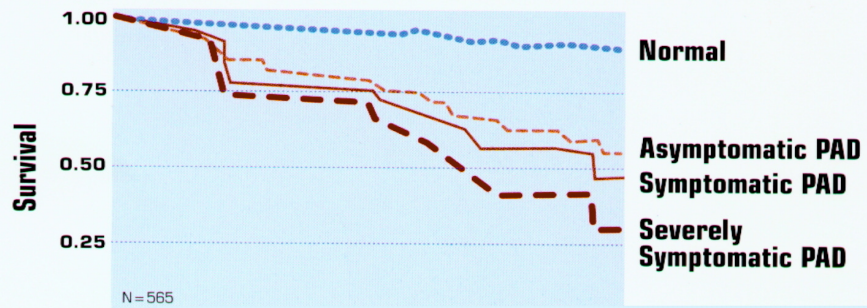
■ Classic Claudication ■ Atypical Leg Pain ■ Asymptomatic



- Only 8-10% of patients with PAD have “classic” claudication
- ~40% of Patients with PAD have “atypical” leg symptoms
- ~50% of patients with PAD are asymptomatic from the leg standpoint

PAD and All-Cause Mortality

10-year survival curves for patients with symptomatic or asymptomatic PAD compared with normal subjects**



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