2024 ACC/AHA/AACVPR/APMA/ABC/SCAI/SVM/SVN/SVS/SIR/VESS guideline for the management of lower extremity peripheral artery disease: a report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines.

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American Heart Association (AHA) | American College of Cardiology (ACC) | American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) | American Podiatric Medical Association (APMA) | Association of Black Cardiologists (ABC) | Society for Cardiovascular Angiography and Interventions (SCAI) | Society for Vascular Medicine (SVM) | Society for Vascular Nursing (SVN) | Society for Vascular Surgery (SVS) | Society of Interventional Radiology (SIR) | Vascular & Endovascular Surgery Society (VESS)

Gornik HL, Aronow HD, Goodney PP, et al. 2024 ACC/AHA/AACVPR/APMA/ABC/SCAI/SVM/SVN/SVS/SIR/VESS guideline for the management of lower extremity peripheral artery disease: a report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. Circulation. 2024 Jun 11;149(24):e1313-e1410. PubMed

View Original Guideline

Overview

Guideline Objective

To provide recommendations to guide clinicians in the treatment of patients with lower extremity peripheral artery disease (PAD) across its multiple clinical presentation subsets

(i.e., asymptomatic, chronic symptomatic, chronic limb-threatening ischemia, and acute limb ischemia)

Patient Population

Patients with suspected or confirmed lower extremity PAD

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Clinical assessment and diagnostic testing
- Medical and structured exercise therapy and preventative foot care
- Revascularization techniques for asymptomatic and chronic symptomatic PAD, chronic limb-threatening ischemia (CLTI), and claudication
- Management of acute and chronic limb ischemia
- Longitudinal follow-up considerations
- Special considerations, including amplifiers of cardiovascular and limb-related risk, health disparities, and older patients

Note: Full recommendation statements have not been provided because this guideline does not meet EGT's systematic review of the evidence criteria. Refer to the original guideline for more information.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

- Evidence Tables.
- The Original Guideline is also available from the *Journal of the American College of Cardiology*; 2024 Jun.
- Methodology Manual and Policies From the ACCF/AHA Task Force on Practice Guidelines; 2010 Jun.

Implementation Tools

- Top Things to Know: 2024 AHA/ACC/AACVPR/APMA/ABC/SCAI/SVM/SVN/SVS/SIR/VESS Guideline for the Management of Lower Extremity Peripheral Artery Disease; 2024 May 14.
- AHA Clinical Update: 2024 AHA/ACC Guideline for the Management of Lower Extremity Peripheral Artery Disease Slide Set.
- 2024 ACC/AHA/AACVPR/APMA/ABC/SCAI/SVM/SVN/SVS/SIR/VESS Guideline for the Management of Lower Extremity Peripheral Artery Disease Slide Set.
- Peripheral Artery Disease (PAD) for Professionals.
- PAD Collaborative.
- Guideline-at-a-Glance; 2024 Jun.
- ACC Guideline Hub.
- Video; 2024 May 14.
- AHA Guidelines On-the-Go available for Android and iOS.
- The Original Guideline includes the following:

- Figure 2. Algorithm for Diagnostic Testing for PAD (p. e1326)
- Figure 4. Algorithm for Medical Therapy and Foot Care for PAD (p. e1338)
- Figure 5. Algorithm for Revascularization for Claudication (Chronic Symptomatic PAD) (p. e1353)
- Figure 7. Algorithm for Management of CLTI (p. e1358)
- Figure 8. Algorithm for Diagnosis and Management of ALI (p. e1369)

Patient Education

- Key Patient Messages: 2024 AHA/ACC Guideline on the Management of Lower Extremity Peripheral Artery Disease; 2024 May 14.
- Peripheral Artery Disease.
- What is Peripheral Artery Disease? (in Spanish); 2021.
- Peripheral Artery Disease National Action Plan.

Note: This patient information is intended to help patients better understand their health and their diagnosed disorders. Patients and their representatives should still consult with a licensed health care professional for evaluation of treatment options as well as answers to their personal medical questions.

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