

## Intermittent Pneumatic Compression with and without Exercise to Improve Functioning in Peripheral Artery Disease: The INTERCEDE TRIAL

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male or Female

**Age Group:** 18 years and over

This study is NOT accepting healthy volunteers

**Inclusion Criteria:**

- diagnosis of Peripheral Artery Disease (PAD) based on specific criteria that study staff will review

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**Exclusion Criteria:**

- above or below-knee amputation - wheelchair-bound - currently have a foot ulcer on bottom of foot or ongoing infection of the toes, foot, or lower extremity - walking is limited by a symptom other than PAD - major surgery, revascularization, or orthopedic surgery in the past 3 months or planned in the next 12 months - already exercising at a level consistent with exercise intervention. Current or recent participation in exercise rehabilitation (within the past three months) - non English speaking - BMI greater than 45kg/M2 - major medical illness including Parkinson's Disease, lung disease requiring oxygen, cancer requiring treatment in the previous two years, or life-threatening illness (study staff will review)

### Conditions & Interventions

**Interventions:**

Behavioral: Health Education, Device: Sham device, Behavioral: exercise, Device: intermittent pneumatic compression

**Conditions:**

Heart & Vascular

**Keywords:**

peripheral arterial disease, cocoa, intercede, pad, peripheral artery disease, prove

### More Information

**Description:** The purpose of this study is to establish whether the device, intermittent pneumatic compression (IPC), both with and without walking exercise, can improve the ability to walk and prevent decline in the ability to walk for people with PAD. Intermittent pneumatic compression consists of blood pressure cuffs that are wrapped around the lower legs (below the knees) that inflate three times per minute. These cuffs may improve blood flow to the lower legs and feet.

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**Phase:** N/A

**IRB**

**Number:** STUDY00013094

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