

— PATIENT GUIDE: LEG ARTERY ULTRASOUND —

Lower Extremity Arterial Duplex

A detailed ultrasound of the arteries in your legs — detecting peripheral artery disease, blockages, and circulation problems.

WHAT IS A LOWER EXTREMITY ARTERIAL DUPLEX?

This ultrasound examines the arteries that carry oxygenated blood from your heart to your legs and feet. It measures blood flow speed and direction, identifying areas of narrowing, blockage, or plaque buildup.

Peripheral artery disease (PAD) is a common but underdiagnosed condition — and a major predictor of heart attack and stroke risk.

WHAT CONDITIONS DOES IT DETECT?

- Peripheral artery disease (PAD) — narrowing of leg arteries from plaque
- Arterial stenosis or occlusion (complete blockage)
- Limb ischemia — dangerously reduced blood flow to the feet
- Arterial aneurysms in the popliteal (behind-the-knee) artery
- Chronic limb-threatening ischemia in advanced PAD

WHO SHOULD CONSIDER THIS SCAN?

- Anyone with leg pain or cramping when walking (claudication)
- People with cold feet, slow-healing leg wounds, or foot discoloration
- Patients with diabetes, high blood pressure, or high cholesterol
- Smokers or former smokers over age 50
- Anyone with known cardiovascular disease or prior heart attack

WHY PHYSICIANS RELY ON THIS TEST

PAD affects over 8 million Americans, yet most are undiagnosed. People with PAD have a 2–6x higher risk of heart attack or stroke than those without. Early detection allows physicians to aggressively manage cardiovascular risk factors and prevent limb-threatening complications.

HOW TO PREPARE

- No fasting required
- Wear or bring loose shorts — the scan covers from your groin to your ankles

- Avoid smoking for several hours before the scan as it affects circulation

YOUR RESULTS

Dr. Gandelman provides a detailed arterial report including flow velocities, any areas of stenosis, and clinical staging of disease severity — delivered within 24–48 hours.

PRICING

- Individual scan: \$397
- Included in: Heart Failure Package (\$1,097), Diabetic Complication Package (\$1,097), Comprehensive Vascular Package (\$1,797), Comprehensive Cardiovascular Package (\$2,197)

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This guide is for informational purposes only and does not constitute medical advice, diagnosis, or treatment. Always consult your physician regarding your specific medical situation.