

— PATIENT GUIDE: LEG VEIN ULTRASOUND —

# Lower Extremity Venous Duplex

A complete ultrasound examination of the veins in your legs — detecting blood clots, chronic venous disease, and mapping vein health.

## WHAT IS A VENOUS DUPLEX ULTRASOUND?

A lower extremity venous duplex ultrasound examines the deep and superficial veins in your legs using sound waves. It maps the direction and speed of blood flow and checks for clots, valve dysfunction, and venous insufficiency.

This is the definitive, non-invasive test for deep vein thrombosis (DVT) — a blood clot that can break loose and travel to the lungs (pulmonary embolism), which is life-threatening.

## WHAT CONDITIONS DOES IT DETECT?

- Deep Vein Thrombosis (DVT) — blood clots in the deep leg veins
- Chronic venous insufficiency — valves that fail to prevent blood from pooling
- Superficial thrombophlebitis — clots in surface veins
- Varicose vein disease and reflux mapping
- Post-thrombotic syndrome — long-term vein damage after DVT

## WHO SHOULD CONSIDER THIS SCAN?

- Anyone with unexplained leg swelling, heaviness, or pain
- People with varicose veins or a history of DVT
- Long-distance travelers or those recently immobile after surgery
- Patients on hormone therapy, blood thinners, or cancer treatment
- Anyone with a family history of clotting disorders

## WHY PHYSICIANS RELY ON THIS TEST

DVT affects up to 900,000 Americans annually. Pulmonary embolism — the most serious complication of untreated DVT — is responsible for up to 100,000 deaths per year. Early detection allows for immediate anticoagulation therapy, preventing life-threatening complications.

## HOW TO PREPARE

- No special preparation required
- Wear loose shorts or pants that can be easily rolled up to the upper thigh

- Avoid compression stockings on the day of the scan if possible

#### YOUR RESULTS

---

Results include mapping of any detected clots, assessment of venous valve function, and clinical recommendations delivered within 24–48 hours by Dr. Gandelman.

#### PRICING

---

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

---

BlackPoint Diagnostics LLC | Southern Maine | (207) 409-7797 | Emanuel@blackpointdiagnostics.com | blackpointdiagnostics.com

*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.*