

MORRIS

Cardiovascular and Risk Reduction Center

Venus Doppler

Lower extremity venous ultrasound is a non-invasive, safe and painless way of visualizing the veins of the leg. The purpose of the venous Doppler is to assess the deep and superficial venous system in the lower extremity (groin to ankle level). It can detect the presence of deep vein thrombosis (DVT) and/or venous insufficiency (venous reflux disease). It uses a small hand-held device called a transducer to transmit and receive sound waves. Special equipment changes the sound waves to images that are seen on a monitor. This is the same technology used to image babies in utero (sonogram). During the study, the technologist may ask you to tighten your abdominal muscles while certain images are recorded. This is to assess for leakages in the valves that typically prevent backflow of blood into the legs. No medication or radiation is used during this exam.

Your doctor may want to perform a venous doppler if you have any of the following:

- Lower Extremity Swelling
- LE Tenderness or Pain
- Follow-up to endovascular procedure
- Prior to terminating anticoagulation therapy
- Lower extremity pain with anticoagulants
- Status post venous interventional procedure
- Shortness of breath with known LE vein thrombosis
- Symptoms of pulmonary embolism
- Varicose Vein(s)

PLEASE FOLLOW THESE GUIDELINES FOR THE DAY OF YOUR EXAM:

1. If you are unable to make your scheduled appointment, please call the office at least 24 hours prior to your test
2. Please arrive 15 minutes before scheduled time and bring your insurance card and picture id to the front desk upon check in
3. No special preparation is required for most studies
4. Wear comfortable walking shoes and two-piece clothing (without metal snaps)
5. Do not wear jewelry
6. Bring all medications or a list of medications for review
7. Friends/family are welcome to accompany you to the office but are not allowed in the testing area due to our privacy policy
8. Allow approximately 1 hour for this test
9. Test results will be communicated to you by your physician