

Vascular Lab Services



Cleveland Clinic Heart & Vascular Institute offers an entire network of conveniently located vascular labs on its main campus and throughout Greater Cleveland to best serve you and your patients.



Our staff of vascular technologists is dedicated to providing you with the most timely and detailed non-invasive vascular studies possible to help determine the best plan of care for patients with arterial and venous disease.



Diagnosis of vascular disease begins in our offices with a careful medical history, including risk factors and a brief vascular physical exam. This information helps our vascular technologists focus on specific arteries and veins that may be contributing to the patient's symptoms.

The non-invasive testing performed in our labs utilizes various types of state-of-the-art technology to evaluate arterial blood flow within the vessels at rest and with exercise and venous blood flow. These exams are painless and risk-free and can help to determine if arterial or venous disease is present, and if so, the location and severity. The information obtained from our thorough vascular exams allows for accurate and appropriate decision-making regarding further testing such as angiography and types of treatment (surgical, endovascular or medical).

Reports

Our labs provide referring physicians with clear and comprehensive reports. Abnormal or concerning test results are phoned to the referring physician immediately. In all cases, a preliminary report is faxed to the referring physician on the same day the test is performed.

Equipment

Our vascular labs feature the latest arterial and venous physiology and duplex ultrasound equipment with advanced imaging capabilities.

Expertise

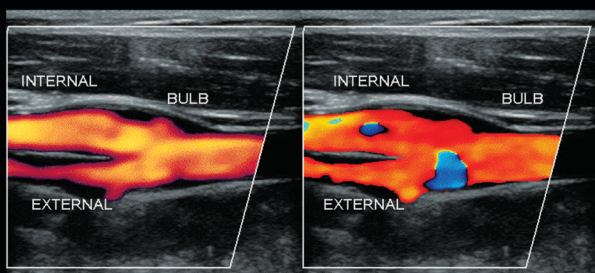
Our labs are among the busiest in the country and are run by knowledgeable and well-trained staff, all of whom are committed to the highest standards of quality patient care and monitoring. Tests are performed by registered vascular technologists and interpreted by board-certified vascular medical or surgical specialists, all of whom are also registered vascular technologists (RVT) and/or registered physicians in vascular interpretation (RPVI).

Our Vascular Labs are accredited by the Intersocietal Accreditation Commission (IAC) and staffed by registered vascular technologists (RVT). Our Registered Vascular Technologists have extensive experience performing non-invasive vascular testing, with several having more than 15 years of experience performing these evaluations.

Guidelines for Scheduling Tests

All tests generally require 60 minutes to perform except Renal/Mesenteric Arterial Duplex, which requires 90 minutes.

A 12-hour fast is required for testing within the abdominal area. An empty abdomen/intestines allow for a faster and more accurate test due to less bowel gas that may cause artifact and difficulty visualizing abdominal arteries and veins.



Tests Available

Carotid and Vertebral Artery Evaluation

- Duplex ultrasound
To determine stenosis

Upper and Lower Extremity Venous Evaluation

- Duplex ultrasound
To determine deep and superficial vein thrombosis
To determine primary and/or secondary varicose veins
- Venous physiologic testing
To determine the cause of leg swelling

Upper and Lower Extremity Arterial Evaluation

- Pulse volume recordings
- Segmental blood pressures
- Photoplethysmography
- Exercise testing
To determine significance of arterial stenosis
- Duplex ultrasound
To determine aneurysm/pseudoaneurysm
To determine stenosis

Abdominal Aorta and Renal/Visceral Artery Evaluations*

- Duplex ultrasound
To assess the abdominal aorta and iliac arteries
To determine degree of renal/visceral stenosis
- Abdominal aneurysm surveillance
- Renal artery duplex stent surveillance

**Requires a 12-hour fast (nothing to eat or drink,
but may take medications with sips of water)*

Clinical Indications for a Test

Carotid:

- Carotid Bruit
- Extremity weakness or numbness
- Difficulty speaking
- Loss of vision in one eye
- Dizziness, problems with balance
- Syncope
- Following carotid endarterectomy or stenting
- Transient ischemic attack - TIA or “mini-stroke”
- Surveillance of known stenosis of internal carotid artery

Venous:

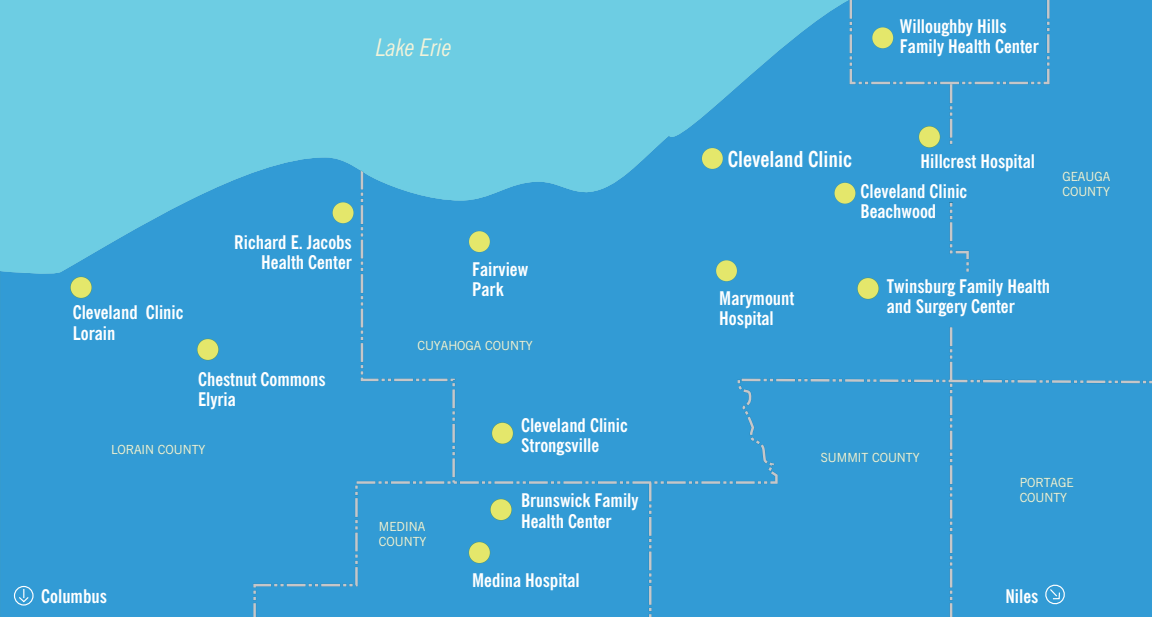
- Leg swelling
- Leg pain
- Leg ulcer
- Painful varicose veins
- Suspected deep vein thrombosis

Arterial:

- Claudication
- Rest pain
- Gangrene
- Ischemic leg or foot ulcerations
- Diabetic foot evaluation
- Suspected Raynaud’s disease
- Suspected thoracic outlet syndrome
- Leg artery aneurysms
- Leg/Arm artery pseudoaneurysms
- Leg bypass graft surveillance
- Assessment of hemodialysis access (fistula or graft)

Abdominal:

- Abdominal aortic aneurysm
- Aorto-Iliac occlusive disease
- Renovascular hypertension
- Renal insufficiency
- Abdominal pain after eating, with weight loss
- Chronic mesenteric ischemia



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Cleveland

Cleveland Clinic - Main Campus

9500 Euclid Ave.
Cleveland, Ohio 44195
Appointments: 216.444.4420

East

Beachwood Family Health and Surgery Center

26900 Cedar Road
Suite 32 North
Beachwood, Ohio 44122
Appointments: 216.839.3800

Chagrin Falls Family Health Center

551 East Washington St.
Chagrin Falls, Ohio 44022
Appointments: 440.893.9393

Twinsburg Family Health and Surgery Center

8701 Darrow Road
Twinsburg, Ohio 44087
Appointments: 330.888.4000

Vascular Surgery Office at Hillcrest

6801 Mayfield Road
Medical Building 2
Mayfield Heights, Ohio 44124
Appointments: 440.461.1150

Willoughby Hills Family Health Center

2570 SOM Center Road
Willoughby Hills, Ohio 44094
Appointments: 800.807.2888 or
440.943.2500

West

Fairview Park

20997 Lorain Road
Fairview Park, Ohio 44126
Appointments: 440.356.1009

Lorain Family Health and Surgery Center

5700 Cooper Foster Park Road
Lorain, Ohio 44053
Appointments: 440.204.7400

Chestnut Commons Family Health Center

303 Chestnut Commons Dr.
Elyria, Ohio 44039
Appointments: 440.204.7400

Richard E. Jacobs Health Center

33100 Cleveland Clinic Blvd.
Avon, Ohio 44011
Appointments: 440.695.4000

Vascular Surgery Office at Westlake

Westlake Medical Center
850 Columbia Road, Suite 102
Westlake, Ohio 44145
Appointments: 440.250.5760

South

Brunswick Family Health Center

3574 Center Road
Brunswick, Ohio 44212
Appointments: 330.225.8886

Independence Family Health Center

5001 Rockside Road, Crown Center II
Independence, Ohio 44131
Appointments: 216.986.4000

Vascular Surgery Office at Marymount

12000 McCracken Road
Marymount Medical Building
Suite 351
Garfield Heights, Ohio 44125
Appointments: 216.587.4280

Medina Hospital

1000 E. Washington St.
Medina, Ohio 44256
Appointments: 330.721.5700

Strongsville Family Health and Surgery Center

16761 SouthPark Center
Strongsville, Ohio 44136
Appointments: 440.878.2500

Cleveland Clinic STAR Imaging - Columbus

921 Jasonway Ave.
Columbus, Ohio 43214
Appointments: 614.358.4223

Cleveland Clinic STAR Imaging - Columbus

1550 Kenny Road
Columbus, Ohio 43212
Appointments: 614.358.4223

Cleveland Clinic STAR Imaging - Niles

652 Youngstown-Warren Road
Niles, Ohio 44446
Appointments: 330.505.2280



Every life deserves world class care.

9500 Euclid Avenue, Cleveland, OH 44195

The Heart & Vascular Institute provides the full range of cardiovascular medicine, thoracic and cardiovascular surgery enhanced by research, education and advanced technology. It is ranked number one in America for heart care, year after year. The Heart & Vascular Institute is one of 26 institutes at Cleveland Clinic, a not-for-profit academic medical center ranked among the nation's top hospitals (*U.S. News & World Report*), where nearly 3,000 physicians in 120 specialties collaborate to give every patient the best outcome and experience.
clevelandclinic.org

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