

# Allan I. Hoffman, MD Medical Director

Dr. Hoffman is board certified in Diagnostic Radiology with specialty training in Venous and Arterial

Disease. Dr. Hoffman completed his residency and fellowship in Vascular and Interventional Radiology at Brown University. His clinical interests include varicose veins and venous disease, vascular and interventional radiology, vascular ultrasound, arterial and venous angiography and stenting.



# Wei Du, MD

Dr. Du is board certified in Diagnostic Radiology, with additional certification in Vascular and Interventional Radiology. He completed his

residency at Beijing Jiuxianqiao Hospital in China and in at the State University of New York at Stonybrook, and fellowship in Interventional Radiology at Beth Israel Deaconess Medical Center. Dr. Du is fluent in English and Mandarin.



#### Alice Lee, MD

Dr. Lee completed her residency at Beth Israel Deaconess Medical Center in Diagnostic Radiology, and her fellowship in Vascular

& Interventional Radiology at Massachusetts General Hospital. She is board certified in Diagnostic Radiology. Dr. Lee's special interests include Vascular and Non-Vascular Interventional Radiology, as well as Vascular and Abdominal Imaging.



Our Vein Center team includes board certified physicians, licensed radiologic technologists and registered nurses. Each member of the team has specialized training in interventional procedures and advanced nursing care.

### **Directions to The Vein Center**

#### One Hospital Drive, Lowell, MA 01852

#### **Driving Directions from I-495**

Lowell General Hospital Saints Campus is just minutes off Route 495.

- Take I-495 to Exit 38 (Route 38).
- Follow Route 38 toward Lowell for approximately two miles.
- At the fork, bear right at the light and follow to the second stop light.
- Take a left onto East Merrimack Street, and a right into the Saints campus.

#### **Directions by Public Transportation**

Lowell General Hospital Saints Campus is located on the Lowell Regional Transit Authority (LRTA) bus route. We are served by Route #2 (Belvidere), stop #3.

For those requiring additional assistance, the LRTA Road Runner Service is another option for public transportation. Visit the LRTA website or call them at (978) 459-0164 for more information.

# **Parking**

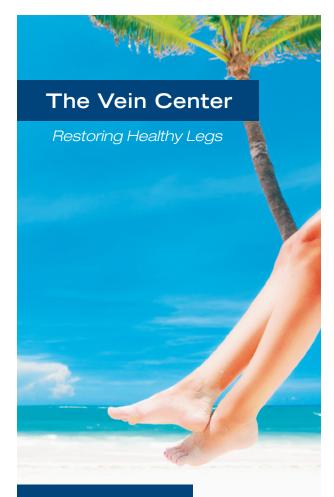
Parking at Lowell General Saints Campus is free. There is a 10-minute patient drop-off at the front door with plenty of parking in the front parking lot or the parking garage.

Patients and visitors using the main entrance of the hospital are welcome to park in the central parking lot or parking garage located at the main entrance.

There is Handicap Parking at all patient entrances.



Lowell General Hospital Saints Campus
One Hospital Drive Lowell, MA 01852
978-934-VEIN (8346)
www.lowellgeneral.org/veincenter



Non-Surgical Laser Procedure for Varicose Veins

at Lowell General Hospital





# You don't have to live with varicose veins

If you're one of the more than 25 million Americans who suffer from uncomfortable and unsightly varicose veins, help is available from our experienced specialists at the Vein Center at Lowell General Hospital. Venous disease is an under-diagnosed and under-treated medical problem. Our goal is to educate and treat those inflicted with the condition and to restore healthy legs.

The Vein Center is the region's premier multi-disciplinary center dedicated to treating the full spectrum of venous disease. All facets of the patient experience, from initial consultation and diagnosis to treatment and follow-up care are available in our easily accessible outpatient setting.

All procedures are performed by board-certified physicians at the Vein Center, each with significant experience successfully treating conditions such as spider veins, varicose veins, leg swelling and pain, and chronic venous insufficiency. No veins are too large, and no veins are too small. Using the latest technology and state-of-the-art procedures to treat your condition means that you can be free of the pain and embarrassment of varicose veins without a hospital stay, a lengthy recovery, or missing any time off work.

# About varicose veins

Varicose veins can develop through a combination of weakened vein walls and faulty valves. Normal vein walls, which are usually very elastic and supple, can become weak and allow the recirculating blood to flow backward. Valves in these veins can also fail to function properly, allowing blood to pool and pressure to build. This damages veins, allowing them to become twisted, enlarged, and painful. Up to 40% of women and 25% of men are affected by this condition.

### Treatments we offer

All procedures are done at the Vein Center at Lowell General Hospital. The selection of a specific procedure is based on a patient's symptoms, a physical examination, and an ultrasound if needed. While some patients receive cosmetic solutions, most are looking for relief from compromised vein function. Many patients enter our office in pain, and walk out a few hours after the treatment to lead happier, healthier, and more active lives.

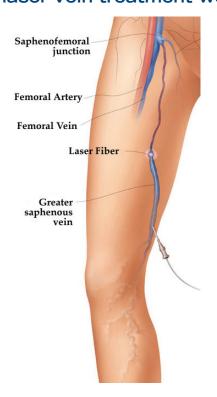
#### Ambulatory Microphlebectomy

Involves the removal of varicose veins through microincisions using local anesthesia.

#### **Endovenous Ablation**

A minimally invasive technique with local anesthesia and ultrasound guidance used to locate the veins and then laser therapy is applied to treat them. A catheter is placed into the incompetent vein through a 1/4 inch incision and the diseased vein is closed using a painless laser.

#### How laser vein treatment works



Using the power of light energy, the laser seals the incompetent vein, rerouting blood to healthy veins.

# We restore healthy legs



# Results can be immediate — and more than 95% effective

#### About laser vein treatment

Using the latest technology and state-of-the-art procedures means that you can be free of the pain and embarrassment of varicose veins without a hospital stay, a lengthy recovery, or missing any time off work. Our team of experts will have you back on your feet in no time.

For your convenience, every aspect of your treatment will take place right in the comfort of our Vein Center office.

Varicose veins and other venous disease can be treated in a variety of ways, most commonly through the use of lasers targeting affected vein tissue with extreme precision. The targeted tissue reacts with the light energy from the laser, causing the vein to close and seal shut.