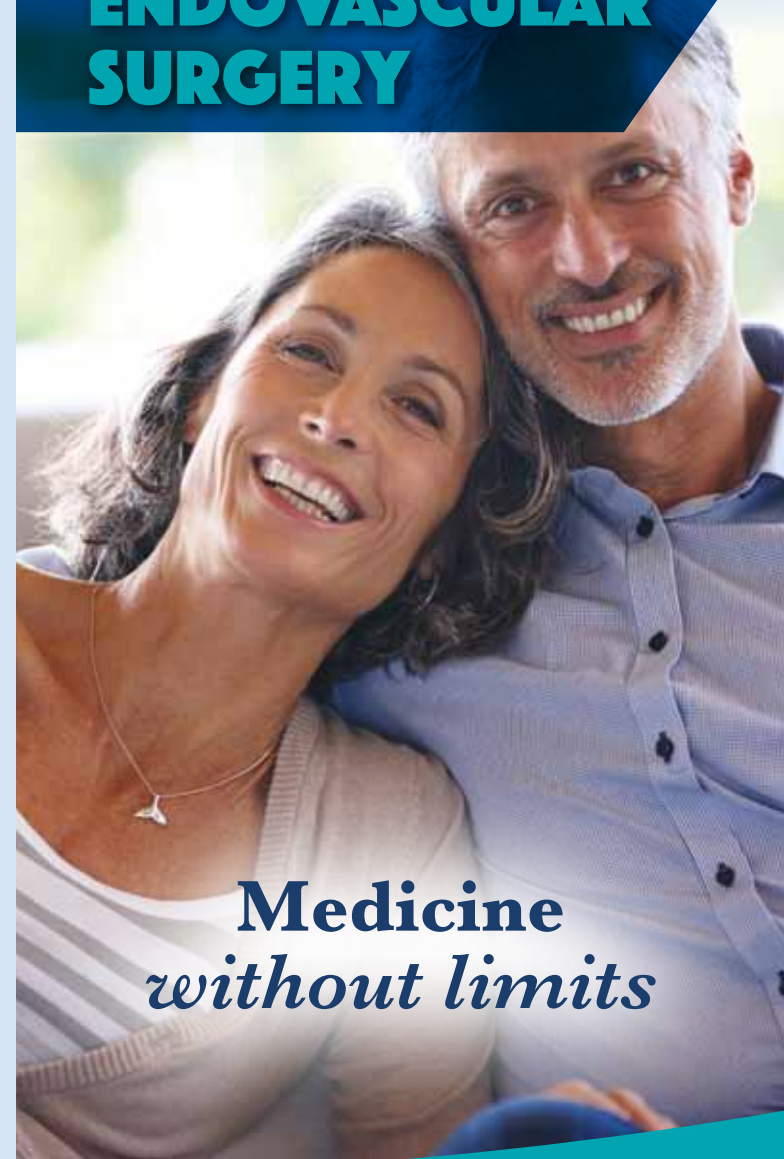




VASCULAR AND ENDOVASCULAR SURGERY



Our vascular surgery capabilities include treatment for the following conditions:

- Abdominal Aortic Aneurysm
- Aortic Dissection
- Aortoiliac Occlusive Disease
- Atherosclerosis
- Carotid Artery Disease
- Chronic Venous Insufficiency
- Deep Vein Thrombosis
- Fibromuscular Disease
- Giant Cell Arteritis
- Mesenteric Ischemia
- Peripheral Aneurysm
- Peripheral Artery Disease
- Portal Hypertension
- Pulmonary Embolism
- Renovascular Conditions
- Stroke
- Thoracic Aortic Aneurysm
- Vascular Infections
- Vascular Trauma
- Vasculitis
- Visceral Artery Aneurysm

EXPERIENCE MATTERS

The vascular and endovascular surgeons at LVI are highly experienced at performing vascular surgery and minimally invasive vascular therapies, and they are leading national experts in limb salvage. We invite you to consult with us, and allow us the opportunity to share our experience and discuss the appropriateness of one or more of our procedures for your patients.



Ritu Aparajita, MD
Vascular Surgeon



Tushar Barot, MD
Vascular Surgeon



Lawrence Sowka, MD
Vascular Surgeon

Medicine
without limits



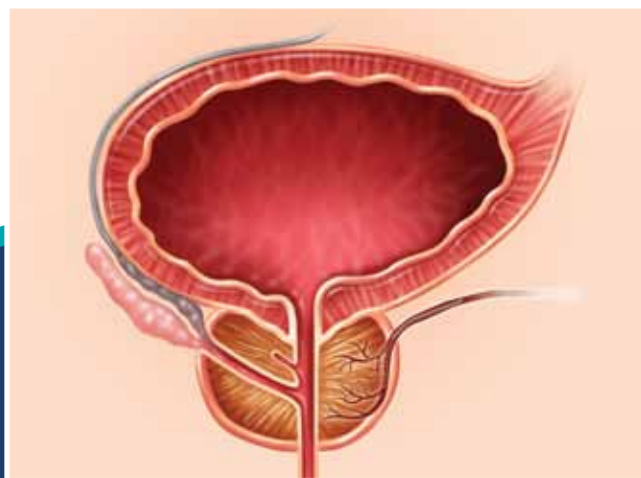
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MINIMALLY INVASIVE AND SURGICAL TREATMENT FOR THE FULL RANGE OF VASCULAR CONDITIONS

Supported by the most advanced diagnostic techniques, and able to perform both minimally invasive (catheter based) procedures and traditional surgery, our vascular experts restore blood flow to the extremities, repair aneurysms and other vessel trauma, and treat infections and other problems within the vascular system.

The vascular surgeons at LVI have undergone extensive fellowship training to stay abreast of this constantly evolving field. Every recommended treatment approach is based on the individual needs of the patient and the latest, evidence-based medical science.



PROCEDURES WE PERFORM

Angiogram and Arteriogram

These vascular imaging tests allow our vascular specialists to assess blood flow through the arteries and check for blockages. In some cases, treatments may be performed during one of these tests.

Angioplasty and Vascular Stenting

Angioplasty uses a balloon-tipped catheter to open a blocked blood vessel. Sometimes, the placement of a mesh tube inside the artery is required to keep the artery open and to maintain sufficient blood flow.

Abdominal Aortic Aneurysm Repair

To repair aneurysms within the abdominal aorta, we perform two procedures: endovascular grafting with stent placement and traditional open surgical repair.

Femoral and Carotid Endarterectomy

Surgical procedures to remove plaque build-up within the femoral or carotid arteries. The latter is also used for patients who may have had a mild stroke.

Bypass Surgery for Vascular Disease (Limb Salvage)

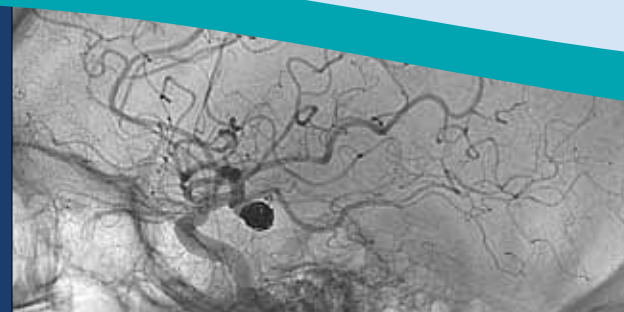
A procedure to re-route blood around a blocked artery using a graft, commonly performed to restore blood flow to the lower legs and feet. We use autologous veins whenever possible, as well as synthetic grafts.

Carotid Body Tumor Surgery

Surgical removal of a tumor located inside the carotid artery in the neck. This surgery may be preceded by a transcatheter embolization procedure to cut off the blood supply to the tumor.

Embolization

A minimally invasive procedure to seal off a vessel to prevent blood from flowing to a targeted area within the body.



Endovascular treatment

Performed inside the blood vessel, endovascular treatments are minimally invasive procedures to treat peripheral artery disease.

Hybrid Procedures for Vascular Blockage

Combines traditional open surgery with endovascular therapy to repair vessels or place stents, when an endovascular procedure by itself is not possible for the patient.

Intravascular Ultrasound

A diagnostic test that uses sound waves to generate images of the interior of blood vessels.

Mesenteric Bypass Surgery

Creates an alternate route for blood flow from the aorta to the artery that supplies blood to the intestines.

Varicose Vein Surgery

If varicose veins are more severe, or if they are causing skin ulcers, surgery to remove the vein (vein stripping) may be required. In most cases however, a minimally invasive procedure known as endovascular laser vein therapy can be used to treat varicose veins.

Vascular Access and Maintenance for Dialysis

Includes the creation of a fistula for patients undergoing hemodialysis, as well as maintenance of fistula for long-term viability.



LVI
LAKELAND VASCULAR
INSTITUTE