



Embolization Procedures

**Minimally invasive treatments
for conditions that once
required open surgery**



MEMPHIS
VASCULAR
CENTER

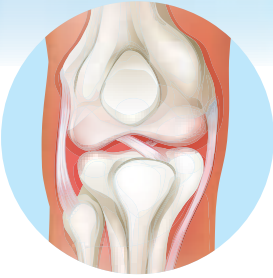
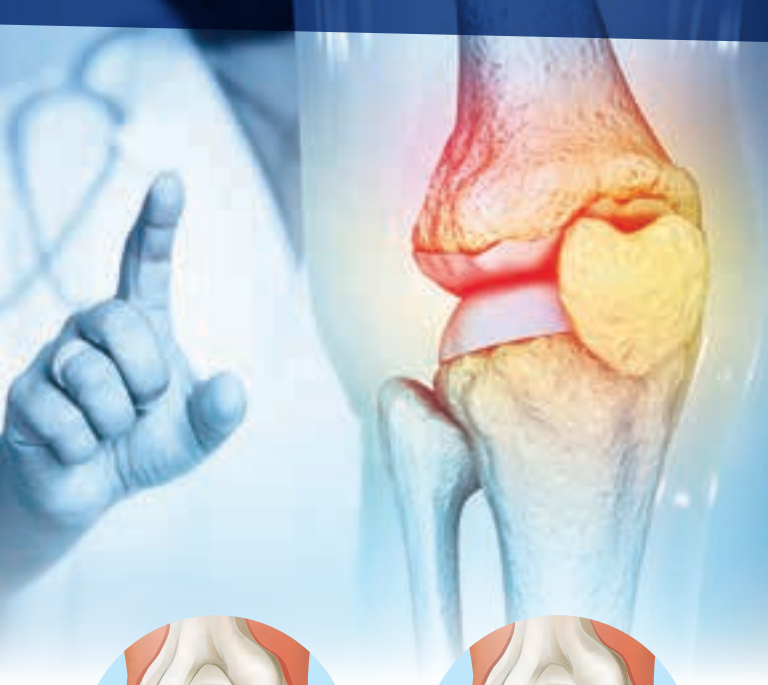


Treating disease from the inside out

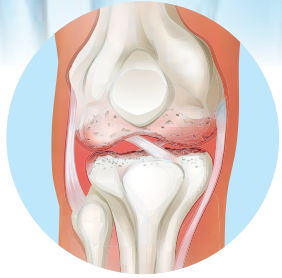
An interventional radiologist uses tiny catheters, guided by medical imaging, to perform precise, targeted therapy inside the body. By using the body's own vascular system to deliver treatment, open surgery is avoided, pain is reduced, recovery time is shortened and overall risks are lower.

Embolization procedures are designed to reduce or completely cut off blood supply to a specific area of the body. This technique is especially effective at treating a number of diseases and health conditions that once required open surgery when the symptoms became unbearable.

Now available for nearly every organ system within the body, embolization procedures offer exciting advantages to both patient and doctor. We are always available to share more information about a particular treatment or discuss a specific patient case with you or your doctor to help you make an informed decision.



Normal Knee Joint



Knee Joint With Arthritis

Knee Osteoarthritis

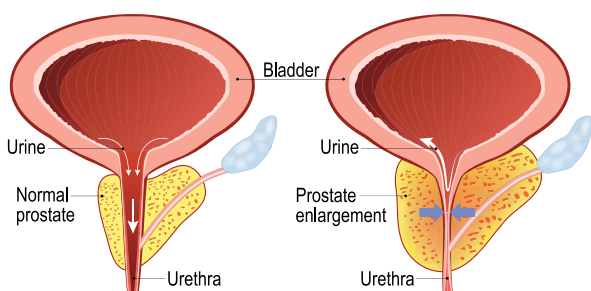
A condition experienced by more than 1 out of 3 Americans over 60, knee osteoarthritis can be a painful and debilitating condition. Genicular artery embolization (GAE) is an outpatient procedure that embolizes or blocks some of the blood vessels feeding the synovium—the lining of the knee joint. This reduces inflammation and the associated pain, and can slow further cartilage degeneration within the knee.

To follow are some of the conditions the interventional radiologists of Memphis Vascular Center can treat with embolization in our state-of-the-art outpatient center:

Enlarged Prostate (Benign Prostatic Hyperplasia)

A new treatment option is available with fewer complications than transurethral resection of the prostate (TURP) surgery. PAE is performed by an interventional radiologist using image guidance to thread a catheter into the prostate arteries on both sides of the enlarged gland. The arteries are embolized to reduce blood flow, which causes the prostate to shrink at symptoms to be relieved.

Benign Prostatic Hyperplasia



Bleeding Internal Hemorrhoids

Traditional surgery to treat bleeding internal hemorrhoids is known for its long and often painful recovery. There is a new, minimally invasive option to permanently treat bleeding internal hemorrhoids. Hemorrhoidal artery embolization (HAE). HAE is an outpatient procedure that cuts off the blood supply to the hemorrhoids, causing bleeding to significantly improve. The success rate for this procedure is greater than 90%.¹



Uterine Fibroids

Uterine fibroids are benign (non-cancerous) tumors that grow on or within the lining of the uterus. UFE is a safe, proven and minimally-invasive treatment for uterine fibroids, and an effective alternative to hysterectomy. During the procedure, the blood vessels that feed the fibroids are embolized or blocked. This causes the fibroids to shrink and reduce the symptoms they are causing. UFE is performed in less than an hour, requires only a small nick in the skin, and patients can return the same day.

Pelvic Congestion Syndrome

Pelvic congestion is a painful condition caused by enlarged or varicose veins in the pelvis. Ovarian vein embolization is performed by an interventional radiologist using image guidance and a catheter to seal off the faulty veins to prevent them from becoming enlarged and cause pain. Like UFE, ovarian vein embolization is a safe and effective outpatient procedure that is an effective alternative to open surgery.

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The doctors of Memphis Vascular Center are among the region's most experienced team specializing in the minimally invasive treatment of many diseases and health conditions. Vascular and interventional radiology is a method of treating disease from inside the body, without open surgery. This results in less trauma for the patient, lower risk of complications, shorter recovery time and virtually no scarring. Additionally, these treatments are performed in our outpatient center, a safe and convenient alternative to a hospital.

Our doctors are fellowship trained in vascular and interventional radiology. With more than 13 years of education and training, they are among the most highly trained doctors practicing medicine today and are uniquely qualified to provide both diagnostic evaluations as well as the required treatment.

If you are a candidate for one of our procedures, we invite you to schedule a consultation with us. We are happy to work with your doctor(s) and other members of your care team to find the right treatment for your specific condition.

**FOR MORE INFORMATION, VISIT
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