



VIVID

VASCULAR

advanced
**MINIMALLY
INVASIVE
PROCEDURES**

Interventional RADIOLOGY

The medical practice of performing minimally
invasive, image-guided procedures

At **Vivid Vascular**, we work hard to make sure our patients get the highest quality vascular care available anywhere – whether that's through our state-of-the-art cath lab and surgical suite, or staying abreast of the newest treatments and equipment. We will treat your vascular issue and help you get back to living your life as a healthy and active individual – with minimally invasive procedures that don't require hospitalization.

Dr. Adam Gropper, is the founder of **Vivid Vascular**. He is an interventional radiologist who has performed thousands of procedures on diseased arteries and veins. Unlike the hospital environment, **Vivid Vascular** is a calm, soothing, safe environment where complete attention is focused on each patient's individual needs.





Varicose & Spider Veins

Varicose veins are enlarged, "ropey" veins that appear on the surface of the skin on your legs, although they can sometimes hide below the skin as well. Spider veins are smaller, unsightly veins often associated with varicose veins. Proper diagnosis and treatment of these veins leads to rapid relief of symptoms and cosmetic improvement.

SYMPTOMS

Leg heaviness		Burning
Pain		Night cramps
Itching		Swelling
Tenderness along the course of a vein		Skin changes on calves and ankles
Restlessness		Numbness

TREATMENT OPTIONS

ENDOVENOUS LASER TREATMENT
RADIOFREQUENCY ABLATION
VENASEAL™ CLOSURE SYSTEM
PHLEBECTOMY

Leg Pain, Swelling or Ulcers

***LEG PAIN, SWELLING, AND THEIR ADVANCED
COUSIN – LEG ULCERS – ARE COMMON
PROBLEMS IN BOTH WOMEN AND MEN.***

A frequent cause is Venous Insufficiency, or poorly working veins in the legs. This is the same problem that underlies varicose veins, but in this case without the visible veins. This condition is often associated with an old blood clot (chronic DVT) or sometimes a narrowing of veins in the pelvis called May-Thurner Syndrome. Anyone with unexplained leg pain, swelling or leg ulcers should be properly assessed by a physician.

We are able to evaluate, diagnose and treat these problems right in our office. When necessary, we can perform intravascular ultrasound (placing a tiny ultrasound probe inside the vein) to evaluate for May-Thurner Syndrome, as well as insert stents in the veins to improve blood flow using our in-office cath lab. These are fast, simple procedures with little to no downtime.



Peripheral artery disease (PAD) is a common circulatory problem occurring when fatty deposits (plaque) build up along the wall of an artery, causing a progressive thickening of the artery's lining, causing the artery to narrow, which then restricts, or even blocks, blood flow.

This problem is often more severe when it occurs along with diabetes or high blood pressure.

Peripheral Artery Disease

SYMPTOMS

- ✓ PAINFUL MUSCLE CRAMPING AFTER ACTIVITY
- ✓ COLDNESS IN LOWER LEG OR FOOT
- ✓ COLOR CHANGE IN LEGS AND TOES
- ✓ HAIR LOSS OR SLOWER HAIR GROWTH ON LEGS AND FEET
- ✓ SHINY SKIN ON LEGS WEAK OR NO PULSE IN LEGS OR FEET
- ✓ NUMBNESS OR WEAKNESS
- ✓ SORES THAT WON'T HEAL
- ✓ SLOWER GROWING TOENAILS

TREATMENT OPTIONS

- ✓ ANGIOPLASTY & STENTING
- ✓ ATHERECTOMY

Uterine Fibroid Embolization

SYMPTOMS

Not all fibroids cause symptoms, but when they do, these symptoms may include:

- ✓ EXTREMELY HEAVY PERIODS AND CRAMPING
- ✓ LOWER BACK PAIN
- ✓ PAINFUL SEXUAL INTERCOURSE
- ✓ URGE TO URINATE FREQUENTLY
- ✓ PAIN WITH DEFECATION

Uterine fibroids, sometimes called "fibroid tumors" are benign masses that grow in the wall of the uterus. Although no one knows exactly what causes fibroids, they do know that the female hormones estrogen and progesterone seem to make them grow.

TREATMENT

The recommended treatment is called Uterine Fibroid Embolization (UFE), which Dr. Gropper performs in our state-of-the-art cath lab.

Pelvic Congestion Syndrome

Pelvic Congestion Syndrome is a chronic condition where women experience constant and chronic pelvic pain due to the development of varicose veins in the pelvic area. These varicose veins typically appear during pregnancy and continue to progress in size.

SYMPTOMS

- ✓ A DULL ACHE AGGRAVATED BY STANDING
- ✓ PAIN CAN BE WORSE AT THE END OF THE DAY, DURING/AFTER SEXUAL INTERCOURSE AND/OR BEFORE THE ONSET OF MENSTRUATION
- ✓ VAGINAL DISCHARGE
- ✓ BACKACHE
- ✓ URINARY FREQUENCY
- ✓ MENSTRUAL CYCLE DEFECTS
- ✓ ABDOMINAL BLOATING

TREATMENT

Dr. Gropper's preferred treatment for Pelvic Congestion Syndrome is called Ovarian Vein Embolization. The goal of this minimally invasive treatment is to shut down the problematic veins so blood doesn't collect in the pelvis, thereby relieving pressure and pain.



As men age, they often begin to experience urinary issues that can cause embarrassment, loss of sleep, and more. Prostate artery embolization (PAE) is a new treatment option for men with an enlarged prostate gland that often causes the urinary issues.

SYMPTOMS

- ✓ URINARY FREQUENCY
- ✓ URINARY URGENCY
- ✓ FREQUENT NIGHTTIME URINATION
- ✓ DIFFICULTY INITIATING THE URINARY STREAM
- ✓ WEAK STREAM ✓ DRIBBLING
- ✓ INCOMPLETE BLADDER EMPTYING
- ✓ NEEDING TO STRAIN OR PUSH TO
- ✓ INITIATE/MAINTAIN URINATION

GastroBloc for Obesity



Prostate Artery Embolization

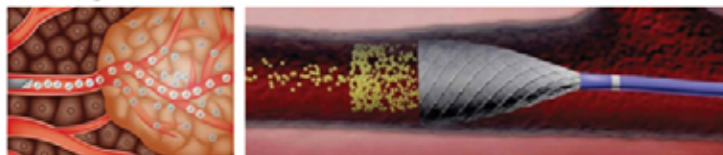
TREATMENT

During the PAE procedure, Dr. Gropper inserts a tiny catheter into the femoral artery and guides it to the prostate artery on both sides of the enlarged prostate gland. Once positioned next to the prostate, the catheter is used to deliver microscopic spheres to block blood flow, causing the prostate to shrink, and dramatically reducing symptoms.

Gastric Artery Embolization – or the GastroBloc – is a safe and effective nonsurgical weight loss procedure created to suppress ghrelin, an appetite-stimulating hormone created in the stomach. Rising levels of ghrelin are one reason that people have trouble sticking with a diet.

TREATMENT

Dr. Gropper performs the Gastric Artery Embolization procedure by injecting microscopic beads into the bloodstream. The beads make their way to the artery supplying the upper part of the stomach, where they block the smaller vessels and interfere with ghrelin production. This is all accomplished through a minimally invasive non-surgical technique through a small catheter inserted in the wrist or groin.





Other Services

AT VIVID VASCULAR, WE OFFER A RANGE OF ADDITIONAL SERVICES, INCLUDING:

- ▶ AV Fistula and Graft Declots
- ▶ Placing Ports for Cancer Chemotherapy
- ▶ Dialysis Catheter Placement
- ▶ Paracentesis for free fluid in the abdomen
- ▶ Drainage Catheters into the Kidneys (Nephrostomy) for obstructions of the upper Urinary Tract
- ▶ Vertebroplasty / Kyphoplasty for Spine Compression Fractures
- ▶ Biopsies
- ▶ IVC filter placement and retrieval



Aventura / North Miami Clinic

15400 BISCAYNE BLVD., SUITE 103
AVENTURA, FL 33160

Kendall / South Miami Clinic

11760 BIRD ROAD, SUITE 506
MIAMI, FL 33175

VISIT US ONLINE OR GIVE US A CALL

www.vividvascular.com

(305) 957-7277