

# Ovarian Vein Embolization (OVE) for the treatment of chronic pelvic pain.

## What is pelvic congestion syndrome?

Pelvic congestion syndrome is the second leading cause of chronic pelvic pain, after endometriosis, in women. Like varicose veins in the legs, pelvic congestion syndrome is related to malfunctioning valves within the pelvic veins.

Valves in these pelvic veins normally allow blood to flow towards your heart. When the veins become weakened or the valves do not close properly, the blood can flow backwards toward the pelvis. Blood in the weakened pelvic veins pools, causing the veins to bulge and push against nearby structures. This can result in pain and pressure in the uterus, ovaries, vulva and back.

## What are the symptoms of chronic pelvic pain?

Chronic pelvic pain associated with pelvic congestion is usually felt in the lower abdomen and lower back. You may experience:

- Deep pelvic pain when sitting or standing
- Pelvic pain that worsens throughout the day
- Bulging veins on the vulva, buttocks or thighs
- Painful/irregular menstrual cycles
- Pelvic pain during/after intercourse
- Irritable bladder
- Lower abdominal and back pain

RIA Endovascular works collaboratively with your healthcare providers to coordinate your care.

## What is OVE?

Ovarian Vein Embolization is a minimally invasive, nonsurgical treatment for pelvic congestion syndrome. The procedure seals off problematic veins, preventing them from enlarging with blood. Healthier veins take over.

**OVE** is performed by an interventional radiologist, a board-certified and fellowship-trained physician. During the outpatient procedure, your physician makes a tiny incision in the groin or neck. Guided by real-time X-ray imaging, a catheter is directed to the faulty veins for treatment.

Tiny vascular plugs or coils with a sclerosing (ablative) agent are placed in the ovarian veins to seal off troublesome major veins. A foam sclerosing agent is used to block smaller veins. The decompressed veins no longer cause pressure or pain.

Up to 95% of women report improvement in symptoms.



## Where is OVE performed?

The ovarian vein embolization procedure will be performed in a nearby partner hospital as an outpatient procedure.

Your consultation prior to the procedure will be held at the RIA Endovascular office, located at the southeast corner of Bellevue and Ulster, just east of I-25. There is free covered and uncovered parking.



## What about insurance?

Most insurance companies cover this procedure. Please contact your insurance provider to determine coverage under your specific plan.

Our dedicated in-house precertification specialist will work directly with your insurance company to obtain preauthorization for you.

## About RIA Endovascular

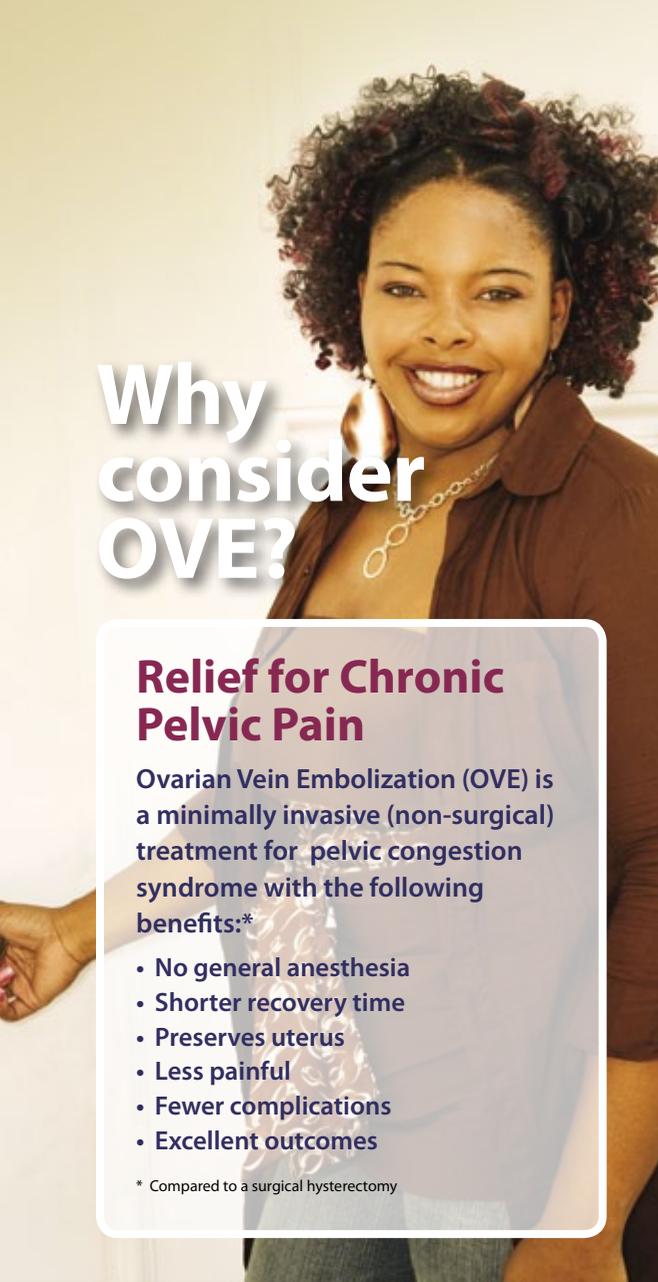
RIA Endovascular's medical staff is comprised of subspecialty board-certified, fellowship-trained interventional radiologists, nurse practitioners, specialized technologists, nurses and medical assistants. Our entire staff is committed to providing patients with the highest standard of care in image-guided, minimally invasive (non-surgical) procedures.

We offer a wide array of advanced interventional radiology procedures in our office previously available only in the hospital, as well as inpatient and outpatient hospital services.

**Schedule a consultation.**  
**Call 720.493.3406.**



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TRUSTED.  
MINIMALLY INVASIVE.  
[RIAEndovascular.com](http://RIAEndovascular.com)



Why  
consider  
OVE?

## Relief for Chronic Pelvic Pain

Ovarian Vein Embolization (OVE) is a minimally invasive (non-surgical) treatment for pelvic congestion syndrome with the following benefits:\*

- No general anesthesia
- Shorter recovery time
- Preserves uterus
- Less painful
- Fewer complications
- Excellent outcomes

\* Compared to a surgical hysterectomy

Ask your gynecologist if  
Ovarian Vein Embolization  
is right for you.



## RIA Endovascular Services

We provide image-guided, non-surgical treatment.

- Spider and Varicose Veins—  
cosmetic and medically necessary
- Women's and Men's Procedures
- Arterial Interventions
- Oncology Procedures
- Spinal Treatments
- General Interventional Radiology

Learn more about Ovarian Vein Embolization —  
including information about scheduling,  
preparation and what to expect at—  
[RIAEndovascular.com](http://RIAEndovascular.com).



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## Ovarian Vein Embolization for Chronic Pelvic Pain

Up to 95% of women report a significant improvement in chronic pelvic pain due to varicose veins after Ovarian Vein Embolization.

## Could my chronic pelvic pain be caused by ovarian varicose veins?

To find out, your gynecologist will first rule out other treatable conditions with a comprehensive pelvic exam.

Since bulging ovarian veins are relieved when lying down for a pelvic exam, your provider will order a pelvic ultrasound with valsalva (bearing down). When bearing down, the veins will become apparent and a positive diagnosis can be made. (If you have had an abdominal and pelvic CT Venogram, that test can be used instead of this exam.)

15%

Chronic pelvic pain accounts for 15% of outpatient gynecologic visits.

