IR CENTERS

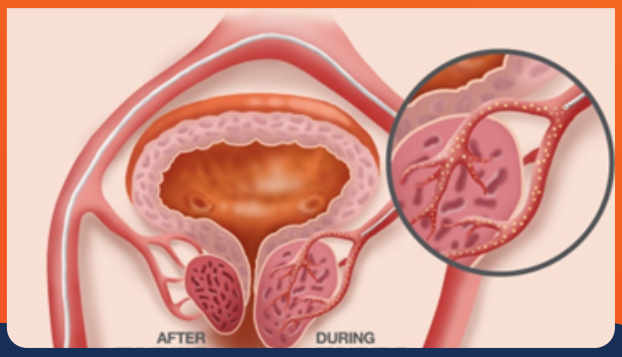
First Urology

What is PAE ?

Prostatic artery embolization (PAE) is a minimally invasive treatment that helps improve lower urinary tract symptoms caused by a Benign Prostatic Hyperplasia (BPH).

Procedural Details

- PAE is performed by an Interventional Radiologist through a small catheter inserted into the artery in your wrist or groin.
- The interventional radiologist will then guide the catheter into the vessels that supply blood to your prostate.
- Tiny round microspheres (particles) are injected through the catheter and into the blood vessels that feed your prostate to reduce its blood supply
- Following this procedure, the prostate will begin to shrink, relieving and improving symptoms usually within days of the procedure.



What are the Advantages of PAE ?

Prostatic artery embolization (PAE) is a minimally invasive treatment that helps improve lower urinary tract symptoms caused by a Benign Prostatic Hyperplasia (BPH).

- **No surgical incision or device inserted into the urethra.**
- **Performed in an outpatient setting under "twilight sleep" with no general anesthesia.**
- **Painless procedure lasting approximately 1 hour.**
- **Very low complication rate and no reports of impotence or incontinence after PAE .**
- **Symptom improvement occurs 2-3 weeks after the procedure.**
- **Return to full activity within one week.**

By the numbers

- As many as 14 million men in the United States have symptoms of BPH
- 80-90% effective in reduction of symptoms
- 5-7 years durability for relief of symptoms
- By age 60, 50% of men will have some signs of BPH