



## Prostate Artery Embolization (PAE)

***A Minimally Invasive Option for Enlarged Prostate and Prostate Bleeding***

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### What is PAE?

Prostate Artery Embolization (PAE) is a **minimally invasive, non-surgical procedure** used to treat:

- **Urinary symptoms** from an enlarged prostate (BPH)
- **Bleeding** from the prostate (e.g., blood in the urine)

During the procedure, a doctor inserts a tiny catheter into the arteries that supply blood to the prostate and injects small particles to block blood flow. This causes the prostate to shrink, relieving symptoms and helping stop bleeding.

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### What Symptoms Can It Help?

PAE may improve:

- Frequent or urgent urination
- Weak stream or difficulty starting
- Nighttime urination (nocturia)
- Incomplete emptying

- Bleeding from the prostate
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## Benefits of PAE

- No incisions or general anesthesia
  - Same-day or outpatient procedure
  - Often avoids the need for long-term catheters
  - Preserves sexual function better than some surgical options
  - Suitable for patients not fit for surgery
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## Risks and Possible Side Effects

PAE is generally safe, but like all procedures, it carries some risk:

- Temporary pelvic or urinary discomfort
  - Mild burning with urination or increased frequency for a few days
  - Blood in the urine or semen (usually temporary)
  - Rarely, infection or injury to surrounding tissue
  - Rare risk of non-target embolization (particles affecting other organs)
  - May not be effective in all cases; further treatment might be needed
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## Is PAE Right for You?

PAE may be a good fit if:

- You have **bothersome urinary symptoms** from BPH

- You've experienced **bleeding** from the prostate
- You want to avoid or are not a candidate for surgery

Your urologist can help decide if PAE is right for your situation.