



Benefits of PAE



Minimally Invasive Procedure



Reduced Risk of Side Effects and Complications



Quick Recovery with Minimal Downtime



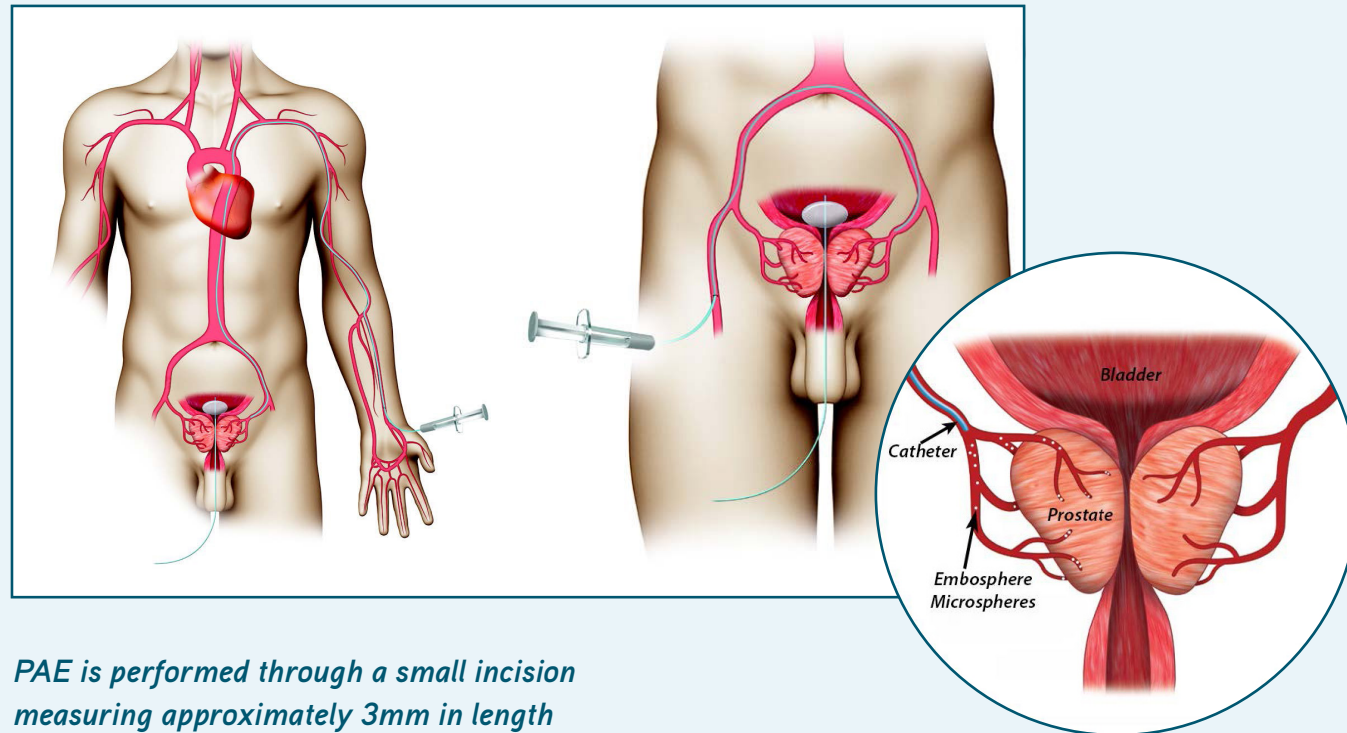
Preserves Prostate Tissue

Prostatic Artery Embolization (PAE) offers several advantages over traditional BPH treatments. It is minimally invasive, requiring one small exterior incision for access, no general anesthesia, and has a lower risk of complications like erectile dysfunction and incontinence. Recovery time is quick, with most patients returning to normal activities within days. PAE also preserves prostate tissue, unlike surgeries that remove tissue.

These benefits make PAE a safer, effective alternative for managing BPH with fewer long-term side effects.

What is PAE?

Prostate artery embolization (PAE) is a minimally invasive procedure designed to alleviate urinary symptoms resulting from an enlarged prostate. This approach serves as a nonsurgical alternative for men experiencing urinary tract symptoms due to prostate enlargement. Following PAE, symptoms gradually improve over the next 1-2 weeks as inflammation subsides. Subsequently, tissue healing occurs, leading to the gradual shrinkage of the prostate gland over 1-2 months. PAE boasts a high success rate, with over 90% of men finding relief within the first year. Notably, unlike other treatments that may have undesirable sexual side effects, PAE does not impact sexual performance.



PAE is performed through a small incision measuring approximately 3mm in length made in your wrist (left) or groin (right).

During PAE

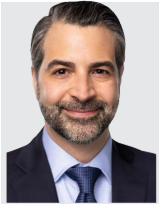
The majority of procedures take 1-2 hours, but could be up to 4 hours, depending on vascular network and other factors.

It's performed by an interventional radiologist who inserts a small catheter into an artery in the groin or wrist. The procedure involves injecting inert particles into the prostate arteries to starve them of blood flow.

After PAE

PAE is an outpatient procedure, so most patients go home the same day. After the procedure you will be followed closely for several hours by our healthcare team.

Interventional Radiologists



Dr. Neal Khurana, MD, is a distinguished interventional radiologist specializing in minimally invasive procedures, with a particular focus on embolization techniques such as Prostatic Artery Embolization. Dr. Khurana earned his medical degree from the Chicago

Medical School at Rosalind Franklin University. He completed his residency in diagnostic radiology and a fellowship in vascular and interventional radiology at Rush University Medical Center. He also holds a Bachelor of Science in neuroscience from Tulane University. Dr. Khurana's expertise in PAE has positioned him at the forefront of urological innovation



Dr. Feraz Rahman, MD, is an interventional radiologist with over 15 years of experience, specializing in minimally invasive embolization procedures like prostate artery embolization for enlarged prostates and geniculate artery embolization

for knee arthritis pain. He is dedicated to pioneering non-surgical treatment alternatives, providing innovative solutions for patients seeking to improve their quality of life without traditional surgery. He completed his diagnostic radiology residency at the University of North Carolina followed by a vascular and interventional radiology fellowship at Emory University.



Dr. Kamil Arif, MD, is a highly skilled interventional radiologist who brings unique expertise in minimally invasive procedures to the field of urology. With a background in advanced imaging techniques and interventional therapies, Dr. Arif is passionate about

improving patient outcomes through cutting-edge treatments that minimize discomfort and recovery times. Throughout his career, Dr. Arif has gained extensive experience in various interventions, including embolization, catheter-based treatments, and image-guided biopsies and ablations.



Dr. Mircea Cristescu, MD, MBA, is an assistant professor of radiology in the Division of Vascular Interventional Radiology. has been trained by world-renowned experts in the field of ablation and, including transradial prostate and uterine artery / fibroid

embolization. He treats patients with various forms of malignancy and vascular disease and published more than one hundred abstracts and scientific papers which have been featured in national meetings.

About Urology Specialists of the Carolinas

Urology Specialists of the Carolinas is an independent urology practice serving Charlotte and the surrounding regions since 1928. Our mission is to provide expert care in a compassionate, personalized manner. Educated at some of the nation's leading medical institutions, our urology specialists are trained in the latest procedures and provide access to cutting-edge technology and minimally invasive treatment options. Consistent with our commitment to offering innovative services, we are happy to offer our patients access to expert care in PAE.



Scan code to learn more about Prostatic Artery Embolization (PAE)

<https://urologyspecialistsnc.com>

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Prostatic Artery Embolization (PAE)

Minimally invasive procedure to improve urinary symptoms caused by Benign Prostatic Hyperplasia



Interventional Radiology