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Transurethral Microwave Thermotherapy (TUMT) for Benign Prostate Hyperplasia (BPH)

BPH is the non-cancerous enlargement of the prostate that restricts urine flow. BPH is not usually life threatening but you may have found it to be embarrassing, inconvenient and uncomfortable. Symptoms of BPH include the need to urinate often, the need to urinate suddenly, difficulty emptying your bladder completely as well as difficulty sleeping due to frequent urination.

BPH affects over 14 million men in the US. BPH occurs in approximately half of all men 50 years and older and up to 90% of men over 80 years of age.

TUMT is a minimally invasive treatment that delivers microwave energy (heat) to the prostate for the treatment of symptomatic BPH. Indications for TUMT include symptomatic BPH or urinary retention in men on medical therapy.

The device uses a microwave antenna that is inside a urethral catheter which is placed inside the prostatic urethra. The heating process is controlled by a computer in the machine.

Your physician may use the following to diagnose and better understand your BPH:

- Physical exam
- Blood and urine tests
- Ultrasound imaging
- Uroflowmetry
- Cystourethrosocopy

Benefits of the TUMT procedure:

- Quality of life has been shown to improve
- The side effects reported have been few

It is a single 45-minute treatment that is performed at your physician's office
It reduces the need for multiple-office visits for BPH medications and the related costs and inconvenience

It is not a surgical procedure.

Please call our office to make an appointment if you are interested in learning more about this procedure.

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