

Transurethral resection of the prostate

(Introducing an endoscope or camera through the urethra, resecting part of the prostate gland to make the urethra wider)

Possible indications or reasons for this surgery:

- Urinary tract symptoms related to the enlarged prostate gland
- Inability to urinate or urinary retention related to the enlarged prostate gland

Possible benefits of this surgery:

- Improvement in urinary tract symptoms
- Regain ability to urinate on your own

Other potential available options/alternatives to this surgery:

- Not performing the surgery (may lead to persistence of urinary tract symptoms, persistence of inability to urinate/urinary retention)
- Second opinion from another doctor or institution

Procedures listed below are not currently offered at Northwest Health Porter. If interested in pursuing one of these options, we would be happy to refer you to a facility offering them:

- Simple prostatectomy (usually reserved for very large prostate glands, more invasive procedure)
- Urolift (may not be an option for all patients, may require retreatment sooner)
- Rezum or “water vapor” procedure (may not be an option for all patients, may require retreatment sooner)
- Photovaporization of prostate/PVP or “Greenlight laser”
- Holmium laser enucleation of prostate or “HoLEP” (usually reserved for very large prostate glands, more invasive procedure)
- Aquablation

Possible risks/complications/side effects of this surgery:

- Bleeding and need for blood transfusion
- Infection (including severe systemic infection as such as sepsis)
- Injury to muscles and nerves related to your positioning during surgery. This may lead to muscle breakdown, muscle weakness and/or numbness

- Injury to urethra, bladder, prostate, rectum, ureters, urinary sphincter, ejaculatory duct
- Development of erectile dysfunction, retrograde ejaculation (“dry ejaculations”), urinary retention requiring a bladder Foley catheter, persistence of urinary symptoms, persistence of urinary retention, inability to void on your own despite the procedure, burning/irritation during urination, urinary incontinence, contracture of the bladder neck, urethral stricture development, meatal stenosis, regrowth of prostate necessitating additional surgeries in the future
- Need for additional intervention in the future in the form of additional surgery and/or other medical treatments
- Heart attack, stroke, heart arrhythmias, respiratory insufficiency/failure requiring prolonged breathing tube, blood clots in extremities and/or lungs, kidney insufficiency/failure requiring temporary and/or permanent kidney replacement therapy such as dialysis, eye or corneal abrasion, pneumonia or lung infection, and even a small chance of death during or after surgery
- Anesthetic risks will be discussed with you separately by an anesthesiologist and/or their qualified representative

(Please note that the above mentioned list of risks/complications/side effects of surgery is not all inclusive and is not meant to be exhaustive. Other complications/side effects may arise that are not specifically mentioned here. Please also note that these complications/side effects occur only rarely and not in every patient or in every similar surgical case. Finally, please note that if and when complications do arise, there may be additional surgical and/or medical treatments that may be recommended to you).