

## Centre of Urology

The Centre of Urology is one of the oldest in Estonia, providing urgent (emergency) and scheduled urological consultations to all adults in Estonia. We treat more than 1400 patients a year and perform more than 1000 urological surgeries. Our core values include commitment to our patients, professionalism and teamwork.

### **Activities of the Centre of Urology:**

- surgical treatment of malignant tumours of urogenital tract
- removal of urinary tract stones
- surgical treatment of benign prostate hyperplasia
- surgical treatment of urinary incontinence in both men and women
- reconstructive urological surgery

A block of modern operating rooms enables us to perform all necessary endoscopic, laparoscopic and open-approach surgeries using the newest equipment and technology.

In our centre, most interventions and surgeries are performed less invasively (laparoscopically or endoscopically). Less invasive methods ensure faster recovery, significantly less pain after surgery and fewer complications. For laparoscopic surgeries, we use 3D-technology solutions that help achieve higher surgical quality and shorten the length of surgery.

Our centre was the first to introduce a prostate tissue sampling method, which uses both magnetic resonance imaging (MRI) and ultrasound technology. This method enables the very precise direction of tissue sample collection from the suspected site of the prostate tumour.

All cases of patients with a primary malignant diagnosis in the field of urological oncology, which are complex and require several treatment methods, are discussed at an oncology roundtable with chemotherapy oncologists, radiation therapy oncologists, radiologists and pathologists in addition to urologists. We have a long-term and successful cooperation with the Oncology Centre and the Radiation Treatment Department of the North Estonia Medical Centre Foundation.

E-consultation is the best form of cooperation with family physicians, which allows us to consult patients faster and refer them for treatment.

The Centre of Urology is a training centre for many [students and residents](#) of the Faculty of Medicine in the University of Tartu.

## **Services**

### **Urologist's appointment**

Independent appointments of urology nurses

Surgical treatment of urogenital cancers

Laparoscopic removal of adrenal tumours

3D endoscopic/laparoscopic radical prostatectomy

Invasive prostate cancer diagnostics: a combined method of mpMRI and US or fusion guided biopsy

Surgical treatment of bladder cancer

Removal of kidney stones

Ureteroscopic Lithotripsy (URSL)

Fibre-ureterorenoscopy i.e. retrograde intrarenal surgery (FURS/RIRS)

Percutaneous Nephrolithotomy (PCNL)

Cystolithotripsy (CLT)

Surgical treatment of benign prostatic hyperplasia

Transurethral resection of the prostate (TURP)

Surgical treatment of urinary incontinence in women and men

Reconstructive urological surgeries

Testicular biopsy

**Aadressid**

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**Staff**

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