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Centre of Urology

The Centre of Urology provides emergency and scheduled urological consultations to all adults in Estonia. We treat more than 1600 patients a year and perform more than 1400 urological surgeries.

Main 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
- various reconstructive urological surgeries

In our centre, most interventions and surgeries are performed less invasively (laparoscopically or endoscopically). Minimally 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.

Since 2023, the Centre of Urology has been collaborating with Austrian professor Peter Redher from the University of Innsbruck to provide cutting-edge care for patients with rare diseases in Estonia. This is a unique partnership in Estonian urology that will ensure that ETCH Centre of Urology can perform high-level reconstructive urinary tract surgeries in the coming years.

In 2016, our centre was the first in Estonia 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<u>students and residents</u> of the Faculty of Medicine in the University of Tartu.

In 2024, a feasibility study for early detection of prostate cancer was initiated.

Services

Urologist's appointment

Independent appointments of urology nurses

Surgical treatment of urogenital cancers

Diagnosis of prostate cancer using fusion guided biopsy

Removal of urinary tract stones

Surgical treatment of benign prostatic hyperplasia

Treatment of urinary incontinence

Reconstructive urological surgeries

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