

This instruction is intended for our patients who are in a care relationship

The Wellbeing Services County of South West Finland

Turku University Hospital

Nephrostomy catheter placement i.e. percutaneous nephrostomy

You are coming for a Nephrostomy Catheter placement procedure. The procedure requires both preparation and aftercare and therefore a place is reserved for you in the ward as well.

What is Nephrostomy Catheter Placement and what is the purpose of this procedure?

The purpose of the procedure is to relieve impaired kidney function caused by urinary tract obstruction or narrowing, by inserting a thin plastic tube, or catheter, into the urine collecting system.

How to prepare for the procedure?

- You will arrive at the hospital in the morning of the procedure day according to the instructions from the ward.
- You must fast from the morning of the day of the procedure.
- Blood tests will be taken for the procedure.
- The blood thinning medication (anticoagulant medicines) will be paused according to separate instructions that you will receive from the referring clinic or department. Patients with a heart valve prosthesis or another absolute reason should not pause their blood thinning medication.
- Blood tests and pauses in blood thinning medication are not required for catheter exchanges.

How is the procedure done?

- The procedure is done with the help of X-rays or by Ultrasound guidance.
- The skin is anesthetized and a plastic tube, or catheter, is inserted through the skin on the rear side into the kidney area to facilitate urination.
- If necessary, you may be given pain medication.
- The catheter is attached to the skin and left in place for a few days or weeks as needed for treatment.

What about after the procedure?

The procedure takes about 1-2 hours. In the ward, the urinary output from the catheter will be monitored. The catheter will be flushed as directed by your doctor. Blood levels are monitored.

If the urinary output from the urinary catheter stops, you must contact the ward.

Where do you get the results from the procedure?

The referring outpatient clinic or ward is responsible for communicating the results of the examination to you.