

Urinary tract ultrasound in children

Information for Patients

An ultrasound examination of the urinary tract includes an assessment of the kidneys, ureters and bladder. Ultrasound waves are used during the examination. Ultrasound is safe and does not involve exposure to ionising radiation.

How to prepare?

- Newborns and infants should be given fluids (or fed) approximately 30 minutes before the examination.
- Children aged 1 to 5 years should drink 100–300 ml of non-carbonated fluid about 30–60 minutes before the examination and should not pass urine until the examination.
- Children over 5 years of age should be examined at least 6 hours after the last meal. It is recommended that the child drink 2–3 glasses of non-carbonated fluid about 1.5 hours before the examination and not pass urine until the examination.

What to bring?

- ID card, original copies of previous diagnostic tests and hospital discharges, if the stay was related to the examination.
- If the patient received a paper medical examination referral or an e-referral code – it should be brought with them. Minors must come with a legal guardian or a factual guardian with written authorization.

How is the examination performed?

The examination is performed in a lying position. The specialist applies a special gel on the examined area, and then an ultrasound machine head. The doctor visualises various elements of the urinary tract by performing gentle movements with the device head. The entire procedure lasts for a dozen or so minutes and the patient receives the result immediately after the visit.