Urinary Tract Ultrasound - Children

Patient Information

An ultrasound examination of the urinary tract involves assessing the kidneys, ureters and urinary bladder. The examination uses ultrasound waves. Ultrasound is safe and does not involve exposure to ionizing radiation.

How should you prepare?

- Newborns and infants should be given a drink or fed approximately 30 minutes before the examination.
- Children aged 1–5 years should drink 100–300 ml of still, non-carbonated fluid approximately 30–60 minutes before the examination. They should not urinate before the examination.
- Children over 5 years of age should undergo the examination no sooner than 6 hours after their last meal. Ideally, the child should drink 2–3 glasses of still, non-carbonated fluid approximately 1.5 hours before the examination and should not urinate before the examination.

What should you bring?

- An identity document, the original copies of previous diagnostic test results and hospital discharge summaries, if the hospital stay was related to the examination.
- If the patient has received a paper referral or an e-referral code, this should be brought to the appointment. Minors must be accompanied by a legal guardian or a caregiver who has been authorised in writing.

What does the examination involve?

The examination is performed with the patient lying down. The specialist applies a special gel to the area being examined and then places the ultrasound probe against the skin. By gently moving the probe, the doctor visualises the different structures of the urinary tract.

The entire procedure takes approximately 10–15 minutes, and the patient receives the results immediately after the appointment.