

Doppler ultrasound of peripheral vessels

Information for Patients

Doppler ultrasound of peripheral vessels is a non-invasive examination which allows the assessment of blood flow in the arteries and veins of lower and upper limbs. By using ultrasound waves and Doppler effect, the examination allows to accurately visualise blood flow and detect any narrowing of the vessels. Ultrasound waves are used during the examination. Ultrasound is safe and does not involve exposure to ionising radiation.

How to prepare?

The examination does not require any special preparation. There is no need for fasting; the examination may be done at any time of the day. On the day of the examination, all the routinely administered drugs should be taken.

What to bring?

- ID card, original copies of previous diagnostic test 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.

How is the examination performed?

The doctor applies a clear gel to the area of the body being examined. The doctor then moves the head of the device on the skin by performing gentle movements, which allows to obtain an image of the examined vessel on the monitor. The entire procedure lasts for a dozen or so minutes and the patient receives the result immediately after the visit.