



Neurological and Neurosonological Clinic

Medical Services

We provide care of a **specialized vascular neurological clinic**:

- neurosonological and neurological examination
- follow-up diagnostics
- targeted treatment
- clinical monitoring and management of a patient

with focus on:

- primary prevention, i.e. searching for patients at risk of stroke in cooperation with general practitioners
- secondary prevention, i.e. examination and monitoring of patients who have already suffered a stroke
- monitoring of patients with carotid or cerebral artery disease

Patients indicated for dispensary care in the vascular neurology clinic:

- patients after stroke
- patients after transient ischemic attack
- patients with known carotid or cerebral artery disease (atherosclerotic stenosis or other etiology, vascular malformations, aneurysm)

Indications for preventive neurosonological examination:

- age over 50 years
- high blood pressure
- diabetes
- high cholesterol level
- smoking
- obesity
- stroke or myocardial infarction in direct relatives, especially at a younger age
- patients indicated for surgery under general anesthesia, especially for cardiac surgery or patients with vascular risk factors as prevention of stroke during surgery

Indications for neurosonological examination in cerebrovascular counseling:

- patients after stroke or transient ischemic attack
- patients at high risk of carotid artery stenosis (age over 50 years, high blood pressure, diabetes, high cholesterol level, smoking, obesity, stroke in direct relatives, especially at a younger age)
- vertigo, to exclude vertebral artery stenosis
- patients indicated for surgery under general anesthesia, especially for cardiac surgery, or patients with vascular risk factors as stroke prevention during surgery
- measurement of intima-media thickness in the carotid artery as a sign of vascular involvement in patients with high blood pressure
- patients with known carotid and cerebral artery disease (atherosclerotic stenosis or stenosis of other origin, vascular malformations, aneurysms)

As part of a **general clinical practice** we provide care across the **whole field of neurology**, with a particular focus on:

- previously mentioned vascular neurological issues
- diagnostics and treatment of headaches (migraine, tension headaches) in cooperation with specialized medical centers
- diagnostics and treatment of spinal pain (disc prolapse, nerve root compression, spinal cord diseases)
- peripheral nerve disorders (facial nerve palsy, isthmus syndromes, post-traumatic conditions or polyneuropathy)
- other neurological diseases

Contact:

- Telephone: +420 734 159 233
- E-mail: neurodiag@neurodiag.cz
- Web: www.neurodiag.cz

Address:

- Polyclinic Louny
Second floor (red), section B
Pod Nemocnicí 2503
440 01 Louny