

SERVICES:

- Diagnostics, prevention and treatment of vascular diseases;
- Diagnostics of the pathology of the arteries supplying the brain (atherosclerotic stenosis, pathological tortuosity, aneurysmal dilatation, nonspecific aorto-arteritis);
- Chemodectomas of the neck - diagnostics, surgical interventions;
- Diagnostics and treatment of upper limb arteries (stenosis, Burger's thromboangiitis);
- Diagnostics and treatment (including endoprosthetics) of the thoracic and abdominal aorta;
- Diagnostics and treatment of stenotic lesions of the visceral branches of the aorta;
- Surgery (including endovascular) for renal (renovascular) hypertension;
- Comprehensive examination and treatment of patients with nonspecific aorto-arteritis (Takayasu's disease);
- Diagnostics and surgical interventions (including endovascular) for atherosclerotic lesions of the iliac arteries and arteries of the lower extremities;
- Surgical interventions for aneurysms of the great vessels;
- Treatment of patients with critical limb ischemia, operations of arterialization of venous blood flow of the foot;
- Varicose veins - diagnostics, minimally invasive surgery, sclerotherapy;
- Diagnostics and treatment of limb lymphedema;
- Formation of vascular access for hemodialysis.



+7 (7172) 702-911



pr.nroc@gmail.com



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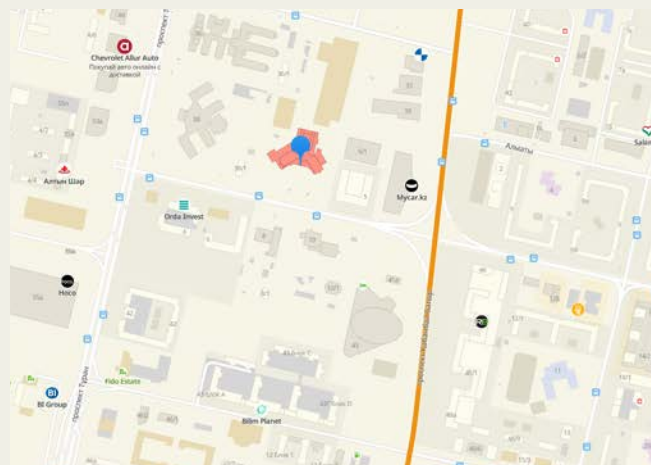
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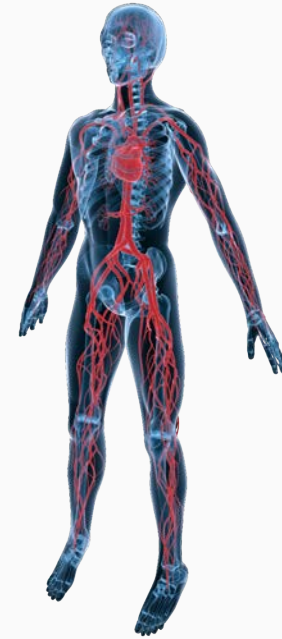
**Нұр-Сұлтан қаласы,
Керей, Жәнібек хандар көшесі, 3**



Дүйсенбі - жұма, сағат 8:00-17:00 дейін



**LLP «National
research oncological
center»**



VASCULAR DISEASES

**Are you looking for an experienced specialist
or clinic for the treatment of vascular
diseases?**

**Here you will find doctors specializing in the
treatment of vascular pathologies, carotid
arteries, aorta, and limb arteries.**

ЧТО ТАКОЕ СОСУДИСТЫЕ ЗАБОЛЕВАНИЯ?

Vascular disorders, also called angiopathies in medical language, are mainly understood as diseases of the arterial, venous and lymphatic vessels.

In industrialized countries, diseases associated with arteries and blood flow from the heart are one of the leading causes of death in the population.

Veins are blood vessels that carry blood to the heart. Diseases of the veins are very common and are referred to as diseases of the eyelid. They mainly affect the legs. The main diseases of the veins are varicose veins and thrombosis.

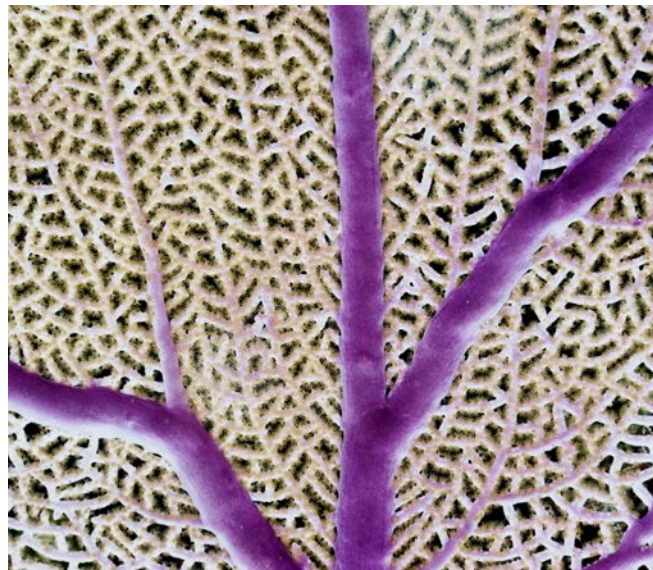
Diseases of the lymphatic vessels are also referred to as vascular diseases. Here, the most serious problem is considered to be lymphedema, which occurs due to stagnation of lymphatic fluid.

The NROC is one of the few clinics where you can get fast and high-quality care for the treatment of vascular diseases using the most modern methods in accordance with international standards.

The Center performs the most complex surgical interventions for pathology of the aorta and great arteries, namely:

- reconstructive surgery of the great vessels;
- the use of hybrid technologies for multilevel lesions of the aorta and peripheral arteries;
- treatment of patients with pathology of the venous system.

Every year, more than 500 patients with vascular diseases from different parts of the republic and countries receive highly specialized medical care at the NROC.



In the Central Asian region, there are more than 300 reconstructive operations on the main arteries and more than 200 operations of a phlebological profile:

- implantation of cava filters to prevent PE in deep vein embologenous thrombosis;
- implantation of stent grafts for aneurysms of the thoracic and abdominal aorta, peripheral arteries with the threat of rupture;
- surgical and interventional (endovascular) treatment of damage to the aorta and disorders of peripheral arterial blood supply.

The priority area of the Center's activity is the surgical treatment of patients with chronic cerebrovascular insufficiency, with critical ischemia of the lower extremities.

The center is one of the leaders in the number of reconstructive operations on the main vessels in Kazakhstan.



RISK FACTORS

Controlled risk factors:

- Lifestyle: physical inactivity, abuse of fatty, cholesterol-rich foods, personality and behavior characteristics - stressful character type, alcohol abuse, smoking.
- Arterial hypertension, blood pressure 140/90 mm Hg. Art. and higher.
- Diabetes mellitus, fasting blood glucose more than 6 mmol / l.
- Hypercholesterolemia (blood cholesterol level more than 5 mmol / l).
- Abdominal obesity (waist in men over 102 cm and over 88 cm in women).

Uncontrollable factors:

- Age: men over 45 and women over 55 or with early menopause.
- Male sex (men 10 years earlier than women develop atherosclerosis).
- Family history of early atherosclerosis. Familial hypercholesterolemia with a genetic basis.

Myocardial infarction, stroke, sudden death in the next of kin under the age of 55 for a man and 65 for a woman.

