

Clinical anatomy of vessels and nerves

Discipline study is 3 credits (90 hours), 2-year, 3-semester

The purpose of the discipline:

the acquisition of a comprehensive understanding of the relationship between blood vessels, nerves and surrounding tissues, as well as the formation of general medical competence in matters of the structural organization of the basic processes of vital activity of the body.

Objectives of the discipline:

To study data on the structure of the vessels and nerves of the organs of the human body in order to understand the basics of their functioning, their anatomical and topographical relationships;

To form in students the ability to correctly name the vessels and nerves of a person and their parts;

Consider the skills of applying knowledge to explain the causes of certain symptoms and correct assessment of the morphological changes detected using modern instrumental methods of diagnosis

Content of the curriculum sections:

Didactic units:

- Clinical anatomy of the vessels and nerves of the head and neck;
- Clinical anatomy of the vessels and nerves of the upper limb;
- Clinical anatomy of the vessels and nerves of the chest, abdomen and pelvis;
- Clinical anatomy of the vessels and nerves of the lower limb

As a result of studying the discipline, the student must:

KNOW:

- structure, functions, topography and development of vessels and nerves, their branches and areas of blood supply and innervation, taking into account individual, sex and age characteristics;
- anatomical terms in the sections “Vascular system” and “Peripheral nervous system” in accordance with the International Anatomical Nomenclature.

BE ABLE TO

- accurately and accurately determine the details of the structure, the course and location of the vessels, their projection on the surface of the body, the location of the pulsation, the area of the blood supply;
- accurately and accurately determine the details of the structure of the nerve plexuses and nerves, their projection on the surface of the body, the area of innervation;

OWN:

- the skill of working with anatomical preparations of vessels and nerves, determining their location in the body, correctly describing the areas of blood supply and innervation using anatomical terms; the skill of using reference anatomical literature, as well as online resources on clinical anatomy.

Types of educational work:

- Lectures
- Practical classes
- Reporting EXAM