

No. LD-21

Annotation of the educational practice program

_____ Topical issues of cardiology _____
discipline

The main professional educational program of higher education is a specialty program in the specialty 05/31/01 General Medicine

Full-time form of education

Term of mastering the OBOP VO: 6 years

Department: Internal Medicine No. 4

1. The purpose of the discipline: the formation of knowledge and modern possibilities of diagnosis and treatment of cardiovascular diseases (acute coronary syndrome, cardiac arrhythmias and conduction disturbances, pulmonary embolism, acute heart failure and decompensation of chronic heart failure, hypertensive crises, fundamentals of cardiopulmonary resuscitation) , functional methods for the diagnosis of coronary heart disease and prevention of cardiovascular diseases and modification of risk factors, taking into account the principles of evidence-based medicine at the prehospital and hospital stages of observation and treatment of patients.

2. The place of discipline in the structure of OBEP VO: The discipline belongs to the cycle of professional disciplines of the Federal educational standard of higher professional medical education in the specialty 31.05.01. General Medicine (specialty).

The discipline refers to the disciplines of the basic part of the block of the Federal State Educational Standard of Higher Education in the specialty "General Medicine".

3. Requirements for the results of mastering the discipline:

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

- modern approaches, principles of diagnosis and therapy in emergency and preventive cardiology;
- levels, logic of conducting research in emergency and preventive cardiology;
- have an idea of the specifics of the cardiovascular system in critical conditions.

be able to:

- diagnose cardiovascular disease, collect anamnesis, examine and formulate a clinical presentation, draw up a plan for laboratory and instrumental examination of the patient; to carry out differential diagnostics between similar diseases;
- to use in the treatment process the knowledge of the basics of urgent and preventive cardiology;
- to develop the problem of pathogenetic mechanisms of the development of diseases of the cardiovascular system, leading to the development of acute cardiovascular failure.

own:

- methods of general clinical examination, an examination algorithm for major cardiovascular diseases, an algorithm for a detailed clinical diagnosis, interpretation of examination results, diagnostic skills and the provision of emergency conditions.

The teaching of this discipline is based on the following types of professional activity:

- medical;
- organizational and managerial;
- research.

The process of studying the discipline is aimed at the formation and development of competencies: OPK-4, OPK-5, OPK-7

4. The total labor intensity of the course: is 1 credit units (36 hours).

5. Semester:: XII.

6. The main sections of the discipline:

1. Acute coronary syndrome: diagnosis, patient management tactics
2. Hypertension. Hypertensive crises: classification, diagnosis, emergency care.
3. Heart rhythm disorders: classification, management tactics.
4. Decompensation of chronic heart failure: causes, emergency care.
5. Introduction to cardio-oncology.
6. Patients with pacing and implantable devices in outpatient practice.
7. Master class on registration and interpretation of electrocardiograms.
8. Functional methods for the diagnosis of coronary heart disease.
9. Prevention of cardiovascular diseases and modification of risk factors.
10. Daily monitoring of blood pressure and electrocardiogram: indication, interpretation of results.
11. Stratification and correction of the risk of cardiac complications before elective surgical interventions.
12. Antithrombotic therapy in outpatient practice.
13. Non-coronary myocardial diseases.
14. Modern approaches in the diagnosis and treatment of infective endocarditis.
15. Diseases of the pericardium.

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