

**Abstract of the work program of the discipline  
"INTERNAL DISEASES"**

The main professional educational program of higher education is the specialty program in the specialty 31.05.03 Dentistry, approved on 24.05.2023.

Form of study: full-time

The period of development of the main professional educational programs of higher education: 5 years

Department: Internal Diseases N. 3

1. The purpose of the discipline:

Mastering the methods of research of patients; studying the main clinical symptoms and syndromes of the most common diseases of internal organs, aries principles of treatment of patients with diseases of the respiratory, circulatory, digestive, urinary, hematopoiesis.

2. The place of discipline in the structure of the main professional educational programs of higher education:

The discipline "Internal Diseases" refers to the mandatory part of Block 1 of the Federal State Educational Standard for the specialty 31.05.03 "Dentistry" (specialty) and consists of three modules:

1. "Propaedeutics of internal diseases",
2. "Internal diseases",
3. "Clinical pharmacology". (taught at the Department of Pharmacology with Clinical Pharmacology.)

3. Requirements for the results of mastering the discipline:

The process of studying the discipline is aimed at the formation and development of the following competencies: EPC-1,5,6

As a result of studying the discipline , the student must

To know:

-Moral and ethical norms, rules and principles of professional and medical behavior, the rights of the patient and the doctor, the ethical foundations of modern medical legislation

-sequence of examination of the patient

- main and additional complaints and objective symptoms in diseases of internal organs

-The main indicators of laboratory and instrumental studies in healthy individuals and in pathology

-Etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases of internal organs in the adult population.

-The clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form in the adult population.

-Modern methods of clinical, laboratory and instrumental diagnostics of adult patients with therapeutic profile.

- International Statistical Classification of Diseases and Health-related Problems (ICD-10)

- Modern methods of drug and non-drug treatment for diseases of internal organs from the standpoint of evidence-based medicine.

- Rules of registration of medical documentation ( medical history )

**Be able to :**

- Collect a complete medical history of the patient, conduct a survey of the patient, his relatives; conduct a physical examination of an adult patient; send him for laboratory and instrumental examination, for consultation with specialists;

- interpret the results of the examination, make a preliminary diagnosis to the patient.

-To outline the scope of additional studies to clarify the diagnosis.

-Identify the main pathological symptoms and syndromes.

-Formulate a clinical diagnosis.

-Independently work with literary and informational sources of scientific and medical information.

**Own:**

-methods of questioning, physical examination of an adult patient

-Methods of analyzing medical information based on comprehensive principles of evidence-based medicine.

- Skills of interpretation of laboratory, instrumental diagnostic methods.

-The basics of maintaining medical records (writing a medical history)

4. The total labor intensity of the discipline: is 8 credits (288 hours).

5. Semester: IV, V, VI semester

## 6. The main sections of the discipline:

### **Module "Propaedeutics of internal diseases"**

- Introduction. The subject and tasks of propaedeutics of internal diseases. Chart of the medical history. Questioning and general examination of the patient. Features of examination of the patient by a dentist
- Questioning of patients with respiratory diseases. Examination and palpation of the chest. Percussion: the physical foundations of the method. Comparative and topographic percussion of the lungs. Auscultation of the lungs
- Semiotics of respiratory diseases and the main clinical syndromes (pulmonary tissue compaction syndrome, bronchial obstruction syndrome, lung cavity syndrome (syndrome of increased airiness of lung tissue, fluid accumulation syndrome in the pleural cavity, respiratory insufficiency syndrome)
- Questioning and examination of patients with diseases of the circulatory system. Palpation and percussion of the heart. Auscultation of the heart is normal. Heart tones. Heart murmurs. Organic noises. Functional research methods
- Semiotics of diseases of the cardiovascular system and the main clinical syndromes (hypertension syndrome, myocardial ischemia syndrome, cardiac muscle necrosis syndrome);
- Questioning and examination of a patient with a disease of the digestive organs and hepatobiliary system. Palpation and percussion of the abdomen. Additional research methods. The main clinical syndromes
- Questioning and examination of patients with kidney and urinary tract diseases.

### **Module "Internal diseases"**

- Patient curation
- Pulmonology (Pneumonia. Bronchial asthma. Bronchitis Emphysema of the lungs)
- Cardiology (Hypertension. Atherosclerosis. Coronary heart disease. Myocardial infarction. Arrhythmias and heart blockages. Rheumatism. Rheumatic heart defects. Heart failure: Acute heart failure.Chronic heart failure )
- Gastroenterology (Chronic gastritis. Gastric ulcer is a chronic non-calculous cholecystitis. Chronic hepatitis. Cirrhosis of the liver. Urgent conditions in gastroenterology. Emergency care in gastroenterology).

- Nephrology (Glomerulonephritis. Acute glomerulonephritis. Chronic glomerulonephritis. Chronic pyelonephritis. Chronic renal failure.

- Hematology (ANEMIA. Definition of the concept. Classification. Iron deficiency anemia. B-12-deficiency anemia. Aplastic anemia. Hemolytic anemia. Acute leukemia. Chronic leukemia. Hemorrhagic diathesis).

- ACUTE RADIATION SICKNESS.

Compiled by:

Head of the Department of Internal Diseases No. 3

FSBEI HE NOSMA of the Ministry of Health of the RF



Burduli N.N.