

**Abstract of the work program of the discipline
"CLINICAL IMMUNOLOGY",
an educational program partially implemented in English**

The main professional educational program of higher education is the specialty program in the specialty 31.05.03 Dentistry, approved on 17.04.2024y.

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: to study the patterns of development and functioning of the immune system of the human body in normal and pathological conditions, immunodiagnosics, immunotherapy and immunoprophylaxis of diseases to perform professional duties related to the immunological aspects of the professional activity of a specialist.

At the same time, the objectives of the discipline are: the acquisition by students of knowledge in the field of immunodeficiency conditions, allergic and autoimmune diseases with immune inflammation syndrome; training in basic methods for assessing the immune status of a person, interpreting the results of a study of the state of the immune system; the formation of methodological foundations for the formulation of immunological and allergological diagnosis; training in the skills of first medical emergency care in emergency conditions caused by allergic reactions; formation of the ability to carry out information and educational activities.

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)

3. Requirements for the results of mastering the discipline:

The study of the discipline is aimed at the formation of competencies:

EPC-5,7

As a result of mastering the discipline, the student must

To know:

The main diseases caused by the pathology of immunity; principles and methods of clinical and laboratory assessment of the immune status; etiology, pathogenesis, methods of diagnosis of allergic diseases, methods of treatment of allergic diseases

Be able to: conduct an immunological, allergological examination of the patient; interpret the results of the examination, analyze the information obtained using immunodiagnosics methods, formulate conclusions based on the research goal, the

results obtained; interpret the immune status indicators, identify risk factors for major human diseases, carry out preventive measures for them; independently work with educational, reference and scientific literature.

Possess: the skills of interpreting the results of laboratory, instrumental methods of diagnosing immunodeficiency, allergic conditions, the algorithm for making a preliminary diagnosis, basic medical diagnostic and therapeutic measures for providing medical care in emergency conditions caused by allergic reactions.

4. The total labor intensity of the discipline: is 2 credits (72 hours).

5. Semester: IV semester

6. The main sections of the discipline:

1. Assessment of the immune status.

2. Immunodeficiency diseases.

3. Allergic diseases.

4. Immunotherapy

Compiled by:

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