

Catalog of elective disciplines

1. Department: “Microbiology, virology and immunology.”

2. Level of preparation: internship

3. Educational program: “Pediatrics”

4. Course:6

5. Name of the elective discipline: “Fundamentals of clinical allergology.”

6. Number of credits: 3 credits / 90 hours.

7. Goal: developing in the student in-depth knowledge in the field of clinical allergology, studying the theoretical and methodological foundations of allergology, broad fundamental training in modern areas of medical and biological science.

8. Tasks:

- to form an extensive and deep volume of basic, fundamental medical knowledge that forms the professional competencies of a specialist capable of successfully solving his professional tasks in the field of allergology;

- develop skills in mastering the latest technologies and techniques in the field of allergology.

9. Contents of the discipline: Fundamentals of modern innovative technologies in the diagnosis and treatment of allergic diseases. Development of diagnostic and treatment algorithms when providing medical care to patients with allergic diseases. Long-term monitoring of the course of the disease, medical examination, rehabilitation of patients with allergic diseases. Use of information technology.

10. Justification for choosing the discipline: Increased attention to allergology in recent years is associated with the significant prevalence of allergic diseases among the population. Particular attention is paid to early diagnosis and modern etiopathogenetic therapy of allergic diseases and immunodeficiencies. Recent years have been marked by major discoveries in the field of theoretical and practical allergology, which has made it possible to form new approaches to the diagnosis of diseases based on immunopathological processes, to develop new methods of therapy and to evaluate the effectiveness of treatment. These achievements have created a real basis for early detection and timely adequate treatment and rehabilitation of patients, which leads to the need for constant improvement of knowledge.

11. Learning results (competencies).

LO1: Patient supervision: able to formulate a clinical diagnosis based on the etiology and pathogenesis of an allergic disease, prescribe a rehabilitation plan and evaluate its effectiveness based on evidence-based practice at all levels of qualified care;

LO2: Communication and Collaboration: Ability to communicate and collaborate productively with the environment and medical personnel in order to optimize the overall well-being of the patient and treatment results;

LO3: Safety and Quality: Able to assess risks and use the most effective methods to ensure a high level of safety and quality of qualified care;

LO4: Public health: able to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan when providing allergy care, provide basic care, work as part of interprofessional teams to implement policies to improve the health of the nation;

LO5: Research: able to formulate adequate research questions, critically evaluate professional literature, effectively use international databases in professional activities, participate in the work of a research team.;

LO6: Training and development: able to learn independently and train other members of a professional team, actively participate in discussions, conferences and other forms of continuous professional development.

12. Prerequisites: Microbiology and immunology, pathophysiology.

13 Postrequisites: Internal diseases. Scientific information

14. Literature:

Main

1. Clinical allergology. Selected lectures by Goryachkina L.A., Terekhova E.P., Sebekina O.V. Russian, 2017 Publishing house MIA

2. Allergology and clinical immunology. Khaitov R.M. Year of publication: 2019

Additional:

1. Clinical immunology and allergology: Oxford reference book/ Spikett G.; Per. from English; Ed. N.I. Ilina M: GEOTAR-MEDIA 2019 - 832 s

2. Tactics for diagnosis and treatment of allergic diseases and immunodeficiencies: a practical guide / Khaitov R.M. M: GEOTAR-MEDIA 2019-152s

.Khaitov, R.M. Immunology [Text]: Atlas / R.M. Khaitov, A.A. Yarilin.- M.: GEOTAR-MEDIA, 2011.- 624 p.

4. Kolkhir, P.V. Evidence-based allergology-immunology / P.V. Kolhir. - M.: Practical Medicine, 2010. - 528 p.

5. Clinic allergology. Tandamal lecturer Goryachkina L.A., Terekhova E.P., Sebekina O. In the year 2017

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