

V. N. Karazin Kharkiv National University



School of Medicine



Department of Propaedeutics of Internal Medicine and Physical Rehabilitation



GENERAL INFORMATION

Currently though the Department of Propaedeutics of Internal Medicine and Physical Rehabilitation is young, but very promising in its profile due to high personnel qualification, using of innovative approaches in educational works and relevant scientific researches. The department conducts educational, methodological and scientific activity in such specialties at the medical faculty as 222 “Medicine” in the field of knowledge and 22 “Health care”.

DEPARTMENT'S HISTORY

The Department of Propaedeutics of Internal Medicine and Physical Rehabilitation was created on the basis of the decision of the Academic Council of the Kharkiv National University named after V. N. Karazin in 27 August 2018 by reorganizing the Department of Internal Medicine. The elected head of the department is the candidate of medical sciences Brynza Mariia Sergiyivna. Graduates of the Kharkiv National University named after V.N. Karazin began their work as assistants in the first stuff of the department. The staff of the department also includes four teachers who have received specialization in sports medicine and rehabilitation at Kharkiv Medical Academy of Postgraduate Education.





A great deal of attention has been paid to teaching and methodological and methodological work since the first days of the organization and the department work; methodical instructions for preparing students for lectures and practical classes were created and distributed. Teaching of disciplines was conducted and continued in English at a high scientific and methodological level of educational disciplines in the educational and professional program of preparation of applicants for higher education in specialties 222 «Medicine».

DEPARTMENT'S LOGISTIC

Logistics activities of the Department are at the highest level and fully comply with international standards.

Lectures are held in lecture halls equipped with multimedia systems and computers connected to the University network and the Internet.



For practical, laboratory and seminar classes at the disposal of the Department there are classrooms, which are equipped with multimedia systems, personal computers with access to the internal network of the University and the Internet, video and television equipment, necessary mouldages, models and other demonstration materials.



Conducting of training classes on the disciplines of the Department accompanied by the using in the educational process of anatomical models, educational posters, medical simulators and simulations, professional diagnostic equipment.

HEAD OF THE DEPARTMENT

The head of the Department of propaedeutics of internal medicine and physical rehabilitation is Associate professor Dr. [Mariia S. Brynza](#), PhD.



In 2010 she graduated with honors School of Medicine of V.N. Karazin Kharkiv National University specializing in “Medicine”. From 2010 to 2012 was trained in the medical intern specializing in “Internal medicine” in Kharkiv Medical Postgraduate Academy at the department of therapy, rheumatology and clinical pharmacology.

In 2012-2013 she worked as a therapist in the reception department of M.I. Kononenko Chuguiv Central District Hospital. In 2012 she received a title of Assistant professor, and from March 2013 studied as a junior researcher in the Department of internal medicine of School of Medicine in V.N. Karazin Kharkiv National University.



In 2016 she successfully defended her PhD thesis of the theme: “Prognostic significance of QTc interval duration in drug management in patients after pacemaker and cardiac resynchronization therapy implantation” in the specialty 14.01.11 – cardiology; from September 2016 worked as Associate professor in the Department of internal medicine of School of Medicine in V.N. Karazin Kharkiv National University.

In 2018 dissertation for the degree of Doctor of medical science on the theme: “Pathogenetic and prognostic factors of clinical course and treatment optimization in patients after radiofrequency ablation of atrial fibrillation, flutter and their combination” in the specialty 14.01.11 – cardiology.

October 2018, she got a scientific degree – Associate professor. December 2018, she was elected as a Head of the newly created Department of propaedeutics of internal medicine and physical rehabilitation.

Dr. Mariia S. Brynza constantly improves her pedagogic, scientific and medical qualification by taking courses in English, pedagogical skills, internal medicine; she has a specializations in cardiology and endocrinology.

To the field of scientific interests Dr. Mariia S. Brynza includes cardiology, arrhythmology, endocrinology and cardiorehabilitation. He is the author of more than 70 scientific and methodological works. She participates annually in scientific and practical conferences at both national and international levels. He is a member of the Ukrainian Association of Cardiology, a member of the European Heart Rate Association (EHRA).

Dr. Mariia S. Brynza enjoys authority among the colleagues, students, medical staff and patients. She teaches lectures in the disciplines "Propaedeutics of internal medicine" and "Internal medicine, including endocrinology" in Ukrainian and English; performs a large amount of methodological, scientific, organizational and medical work on the base of Specialized health-sanitarian hospital No. 13; she is a member of the Scientific Council of the School of Medicine.



DEPARTMENT'S STAFF



The staff of the Department of Propaedeutics of Internal Medicine and Physical Rehabilitation includes 5 Candidates of Medicine, 4 Associate Professors; 17 Assistants without academic degree; 3 senior department assistants. The percentage of persons working full-time is 81%, and persons working part-time at the department – 19%.

The staff of the department undergo advanced training, specialization, pre-certification cycles, thematic improvement, etc. each year, including courses in pedagogical skills and courses on the introduction of innovative Internet technologies and distance learning in the educational process in order to support the high scientific and pedagogical level.

DEPARTMENT'S EDUCATIONAL WORK

Educational work of the department is one of its priorities. Students can obtain training in 5 disciplines in English or Ukrainian. The total volume of academic load is 17253 academic hours, including 170 lecture hours and 14120 practical lessons.



For efficient education of undergraduate students, the faculty of the department uses the Recommendations to discipline's Standardized Curriculum, approved by the Ministry of Health and Ministry of Education and Science of Ukraine in the framework of regulated guidelines for departmental faculty. Student's education and training is conducted according to the guidelines of Bologna Processes.



The educational process at the Department is carried out using modern multimedia and computer equipment, and sufficient amount of visual material with the active involvement of students in the clinical and scientific work of the department, as well as the use of innovative approaches to the educational process.

Practical lessons maximum simulate clinical practice. With the faculty teachers our students do clinical examinations, take histories, manage the patients, participate in clinical rounds, conferences, workshops, etc. This way, students gain valuable clinical experience during training at the department.





To enrich student's experience the faculty of the Department of General and Clinical Pathology helps interested students to rich the highest potential and to compete with peers at National Ukrainian Olympiads/Competitions, scientific conferences, conventions, etc. Every year our students win prizes and get rewarded with special achievement certificates, badges, pins, etc.

DEPARTMENT'S DISCIPLINS



At the Department of Internal Medicine and Physical Rehabilitation are trained students in Ukrainian and in English in 5 disciplines, including:

- Care of patients (practice) (course 2, semester 4)
- Propaedeutics to internal medicine (course 3, semesters 5, 6)
- Practical training as a nurse (course 3, semester 5)
- Internal medicine (with endocrinology) (course 4, semesters 7, 8)
- Medical practice (course 4, semester 8)

DEPARTMENT'S METHODOICAL WORK

The team of teachers of the Department of Propedeutics of Internal Medicine and Physical Rehabilitation of VN Karazin Kharkiv National University develops and constantly updates the methodological kits in all disciplines taught at the department: Propedeutics of Internal Medicine; Internal medicine (including endocrinology); Nursing Practice and Care of patients.



Annually, updated work programs for each discipline for Ukrainian-language and English-language full-time students of higher medical education are approved, which fully correspond to the structure of the disciplines and approved work curricula for the preparation of doctors in the specialty 222 "Medicine".

The result of the collective work of the department is a complete educational and methodological support of teaching the disciplines at a high scientific and methodical level, which meets the modern requirements of the higher medical school and is established on the basis of educational qualification characteristic and educational and professional training of a doctor by profession.

The department has prepared methodical developments for teachers to conduct practical classes and methodical recommendations for independent preparation for practical training of higher medical education applicants in each subject in all disciplines taught at the department, respectively in Ukrainian and English. An indicative map of the work of applicants for higher medical education is provided, with clear, consistent and detailed recommendations for preparation at each stage of the practical training. The list of basic theoretical questions and practical skills, structure and content of the topic, test tasks for control of the initial and final level of knowledge are given, the basic and additional literature are given, in the appendices there are references to the electronic resources of teaching materials of the department.

Educational and methodological materials developed and decorated in accordance with the requirements of the "Regulations on the procedure for preparation and circulation of educational and scientific publications of the VN Karazin Kharkiv National University", received the stamp of the Scientific and Methodological Council of the University.



DEPARTMENT'S SCIENTIFIC WORK

The scientific interests of the department include the study of: the characteristics of patient management and prognosis after radiofrequency ablation of atrial fibrillation and flutter; features of electrocardiographic parameters in patients with diabetes mellitus; introduction and study of the latest techniques for the rehabilitation of the musculoskeletal system in patients with concomitant cardiovascular diseases.



The department carries out scientific work in several areas:

- graduate studies;
- participation of teachers of the department in scientific conferences, seminars;
- publishing scientific articles, abstracts;
- work on the department's scientific topic;
- scientific work of students under the guidance of teachers of the department;

For a short period from the moment of the creation of the department, employees regularly take part in All-Ukrainian as well as International conferences. We would especially like to highlight such events as:

- in September 2019, 3 employees (Makharynska S. Olena, Oktiabrova I. Irina, Zolotarova V. Tetiana) received Grants from the European Society of Cardiology



(ESC Congress 2019 Educational Grant) and attended the European Congress of Cardiology together with the World Congress of Cardiology, which was held in Paris, France.

- at the XX National Congress of Cardiology of Ukraine, assistant of the department Zolotarova V. Tetiana was awarded a diploma for I place in the young scientists competition.

For the year of the department's existence alone, 7 articles were published in domestic publications, 1 article in the international publication (SCOPUS), 8 articles are in print and more than 24 abstracts were published.

An integral part of the scientific work of the department is the organization of work of student scientific circles, which are structural units of the Scientific community of students, graduate students, doctoral students and young scientists of the medical faculty. Students of the scientific circle of the department, together with the staff of the department, take an active part in clinical discussions and councils, scientific and practical conferences, congresses, forums, symposia and scientific research, as a result of which articles have been published in specialized publications, including foreign ones.

DEPARTMENT'S CLINIAL BASES

Medical Department13

Address: 61000, Kharkiv, ave. Academic Kurchatov, 29, Medical Department 13.

How to get there? The base of the departament is in a beautiful, cozy place, far from the bustle of the big city. Our address: Akademika Kurchatova Avenue, 29. You can get this place from the city center, using the 296e bus (from Derjprom metro station), go to the "Church" stop, and continue to walk about 600 meters. You are on the spot!



Location map

In clinical site conducted lectures, practical and laboratory classes, clinical reviews with the participation of students, is the formation of practical skills and consolidation of theoretical knowledge.

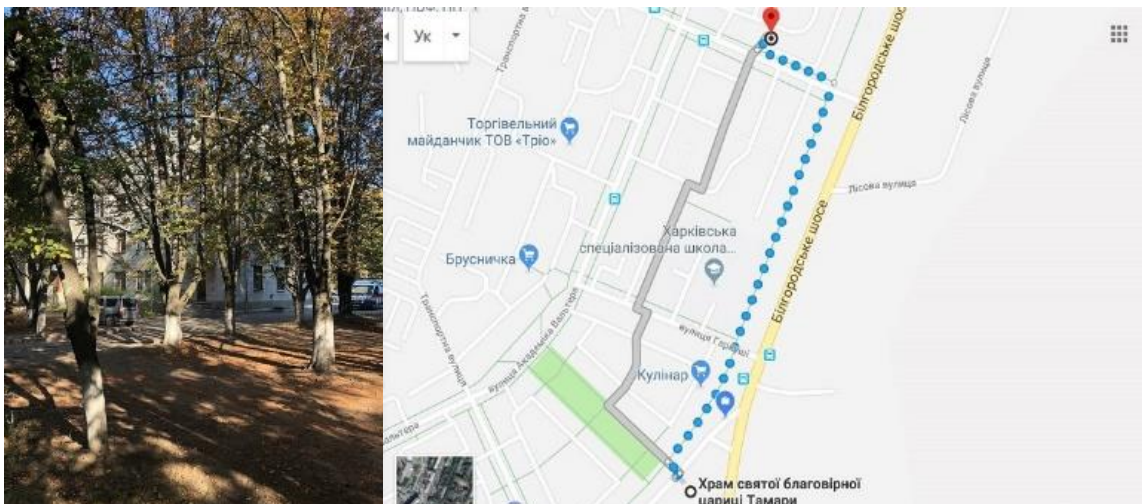


The staff of the department conducts active clinical work: therapists, cardiologists, endocrinologist and pulmonologist advise patients of hospital and polyclinic department of clinical base.

Clinical work of the Department of Propaedeutics of Internal Medicine and Physical Rehabilitation conducted by employees of the department at clinical site with the involvement of students in the study of relevant disciplines.

A common practice is a multimedia clinical reviews that prepares by students with the support of teachers and after the presentation on clinical conferences are published on the website of the Department, in the depository of the University and in the form of articles in professional medical journals of Ukraine.

CONTACT INFORMATION





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[The official group on Facebook](#)

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