



Pharmacology, Clinical Pharmacology

Sub-department of
«General and Clinical Pharmacology»
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List of subjects

The «General and Clinical Pharmacology» sub-department provides training of students in 2 subjects in the course of «General Medicine» program



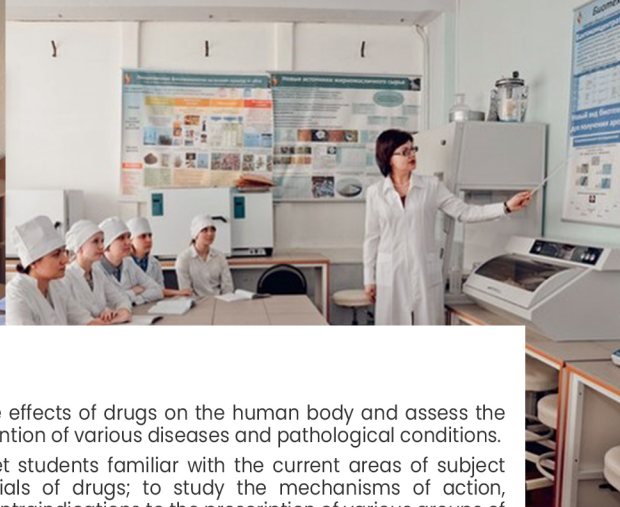
Pharmacology

(3rd year)



Clinical pharmacology

(6th year)



Pharmacology

The goal of mastering pharmacology is to study the effects of drugs on the human body and assess the possibility of using drugs for the treatment and prevention of various diseases and pathological conditions.

The objectives of studying pharmacology are to get students familiar with the current areas of subject development and modern principles of clinical trials of drugs; to study the mechanisms of action, pharmacological and side effects, indications and contraindications to the prescription of various groups of drugs; to obtain the ability to write prescriptions for certain diseases; to know the organization of work with medicines in health facilities.

The main provisions of pharmacology are necessary for the study of the following theoretical and clinical disciplines: therapy, surgery, obstetrics and gynecology, pediatrics, neurology and neurosurgery, otorhinolaryngology, ophthalmology, dentistry, traumatology and orthopedics, infectious diseases, phthiology, dermatovenereology, clinical pharmacology.



Clinical pharmacology

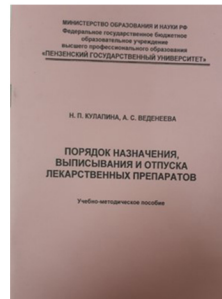
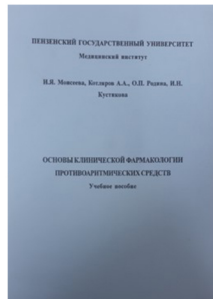
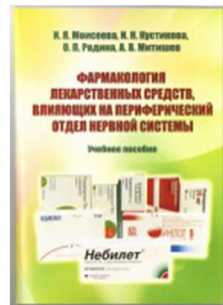
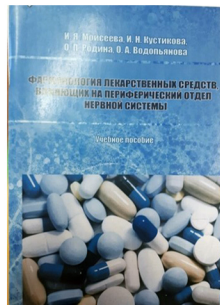
The goal of mastering clinical pharmacology is to study drugs and their combinations, as well as methods for their rational use for a particular patient.

The objectives of studying clinical pharmacology are to develop in students the ability to prescribe and reasonably choose specific medications, the route of their administration, the dosage regimen, methods for assessing the effectiveness and safety of treatment for major pathological syndromes and emergency conditions.

The main provisions of clinical pharmacology are necessary for the study of the following clinical disciplines: therapeutics, surgery, obstetrics and gynecology, pediatrics, neurology and neurosurgery, otorhinolaryngology, ophthalmology, traumatology and orthopedics, infectious diseases, dermatovenereology, phthisiology.

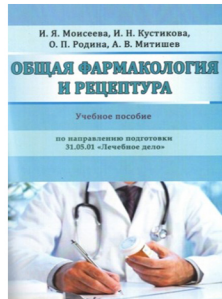
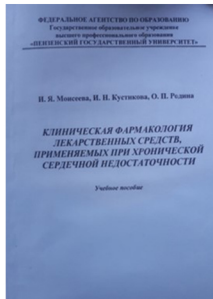
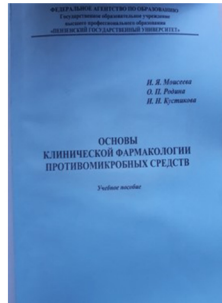
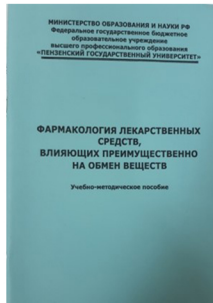
Teaching aids and textbooks

issued by the sub-department



Teaching aids and textbooks

issued by the sub-department





The head of the «General and Clinical Pharmacology» sub-department is I.Y. Moiseeva, M.D., professor. She was an academic advisor of 7 dissertations, which were successfully defended. Dr. Moiseeva is the author of more than 200 scientific and educational publications, including 71 articles in the journals of the Russian Higher Attestation Commission, 23 articles indexed in SCOPUS, 7 articles in the journals indexed in WoS. She is a co-author of 5 patents. Research fields – cardiopharmacology, oncopharmacology, biotechnology, pharmacoeconomics, pharmacoepidemiology.

Sub-department staff



The sub-department staff consists of I.Y. Moiseeva, M.D., professor, head of the sub-department, O.P. Rodina, Ph.D. in medicine, associate professor, I.N. Kustikova, Ph.D. in medicine, associate professor, A.V. Kuznetsova, Ph.D. in chemistry, associate professor, E.S. Panina, associate professor, O.A. Vodopyanova, Ph.D. in medicine, associate professor, E.E. Kurdyukov, Ph.D. in pharmacology, associate professor, N.P. Kulapina, senior lecturer, N.N. Glebova, senior lecturer, A.V. Mitishev, senior lecturer, Y.S. Meshcheryakova, assistant.

Educational environment

For educational purposes, the sub-department possesses:

- 10 specialized classrooms;
- chemical laboratory;
- crude drug and reagent storages;
- simulation classroom.

The education process at the sub-department is supplemented with multimedia equipment, imitations of medicines and crude drugs, a large amount of visual aids, a set of training medical records.



Simulation classroom



The laboratory of the sub- department



The laboratory of the sub- department



Student Research

In 2003, the sub-department launched a student research club. At the meetings of the club, students present reports on the results of research works.

The main student research fields are as follows:

- Pharmacological correction of injuries arising from hypoxic, toxic and radiation injuries.
- The study of new sources of medicinal raw materials of plant and microbial origin, dosage forms and preparations on their basis.
- Optimization of drug supply for the regional population.

Students' research works are annually presented at a university scientific and technical conference of PSU's students and staff. Students involved in research take part in the program «Participants of the youth research and innovation contest» (U.M.N.I.K). The best student works are published in inter-university collected articles and peer-reviewed journals as well as presented at international, All-Russian and regional conferences.



Postgraduate education

Residency:

31.08.37

«Clinical pharmacology»

Postgraduate program:

30.06.01

«Fundamental medicine»

14.03.06

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clinical pharmacology»

