



Traumatology, Orthopedics, Military and Contingency Medicine

Sub-department of «TOM&CM»
teachers' room, 3rd floor, building 14, 28 Lermontova street, 440026, Penza
(Penza regional Clinical Hospital named after N.N. Burdenko)



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List of subjects

The «Traumatology, orthopedics, military and contingency medicine» sub-department provides training of students in 3 subjects in the course of «General Medicine» program



First predoctor care

(2nd year)

Life safety

(2nd year)

Traumatology and orthopedics

(5th and 6th years)



First predoctor care

The goal of mastering the discipline is to teach students the basics of pathogenesis and clinical manifestations of pathological conditions developing as a result of acute therapeutic, surgical, gynecological, nervous diseases in adults and children that threaten the life of patients (victims) and require first aid, to teach the rules of first aid.

Students obtain:

- knowledge and skills in emergency predoctor medical aid rendering;
- knowledge of rules and techniques of injecting medical preparations;
- practical skills in applying standard transport splints and stopping hemorrhage;
- knowledge of the basic rules of asepsis and antisepsis.

Students develop:

- understanding of the diagnostic principles for life-threatening emergency conditions;
- skills in applying standard measures for temporary stopping hemorrhage;
- skills in transporting the sick and injured;
- practical skills in rendering aid at the common emergency conditions.



Life safety

The objective of mastering the discipline is to form a culture of safety, readiness and ability of graduates to work in emergency situations.

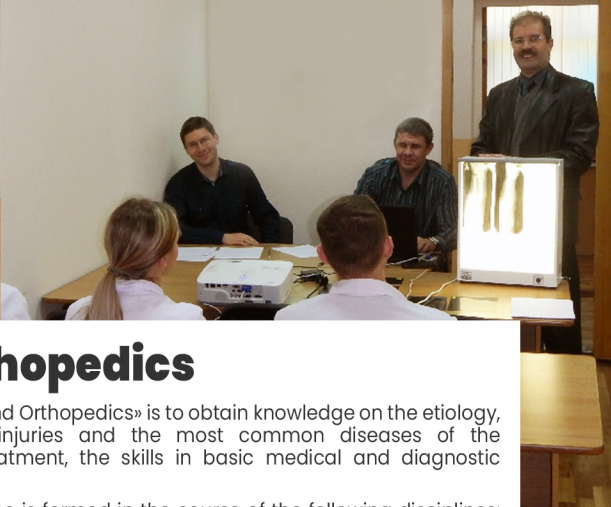
The main objectives of the discipline are as follows:

Student obtain:

- understanding of the problems and risks associated with human life;
- theoretical knowledge about the nature and development of emergencies, disasters, accidents and structural components of the Russian system for preventing and eliminating the consequences of emergencies;
- knowledge of the health care system in emergency situations and the ability to organize the provision of first, predoctor and medical aid in emergency situations.
- knowledge and skills to ensure the safety of medical workers and patients.

Student develop:

- a safety culture in the field of their professional activities;
- readiness to participate in measures to protect the public and medical personnel;
- abilities and readiness to organize public health care when eliminating consequences of emergency situations.



Traumatology and orthopedics

The goal of mastering the discipline «Traumatology and Orthopedics» is to obtain knowledge on the etiology, pathogenesis, clinical picture and diagnosis of injuries and the most common diseases of the musculoskeletal system, the principles of their treatment, the skills in basic medical and diagnostic manipulations.

The basic knowledge necessary to study the discipline is formed in the course of the following disciplines: normal and morbid anatomy, normal and pathological physiology, topographic anatomy and operative surgery, pharmacology, propaedeutics of internal diseases, general surgery, anesthesiology and resuscitation.

The main provisions of the discipline «Traumatology and orthopedics» are necessary for further in-depth study at the stage of postgraduate training in internship and clinical residency in the specialties: «Traumatology and orthopedics» and «Surgery».

Clinical base of the sub- department

The sub-department is located in Penza Regional Clinical Hospital named after N.N. Burdenko. The clinical base of the sub-department is the traumatological unit of this hospital.





The head of the «Traumatology, orthopedics, military and contingency medicine» sub-department is S.V. Sivakon, M.D., associate professor. He is the author of over 100 scientific works, including 3 monographs, 10 teaching aids. He holds 11 patents for invention.

Research fields - traumatology and orthopedics, hand surgery, Dupuytren's contracture, plastic tendon-ligamentous structures, development of new methods of plastic surgery on the hand.

Sub-department staff



The sub-department staff consists of S.V. Sivakon, M.D., associate professor, head of the sub-department, A.K. Abdullaev, Ph.D. in medicine, associate professor, and senior lecturers: A.S. Kibitkin, S.V. Sretenskiy, M.A. Ksenofontov, D.A. Kosmyrin.

Medical and Educational activity

The sub-department possesses specialized classrooms for practical lessons with students. The classes are supplemented with various textbooks and teaching aids on the subjects taught.

The sub-department staff actively work in clinics performing consultative and medical activities. Every year, the sub-department personnel operates on over 300 patients with various pathologies including within the programs of the «Healthcare» national priority project.



Cooperation with organizations

The sub-department actively cooperates with Penza Institute of Advanced Medical Studies and has a clinical base in Clinical Hospital No. 6 named after G.A. Zakharyin.

At the institute, the sub-department staff performs teaching and medical activities and carries out joint research.



Postgraduate education

Residency:

31.08.66

«Traumatology and orthopedics»

Over 30 specialist have graduated the residency program and work as traumatologists and orthopedists.

Postgraduate program:

14.01.15

«Traumatology and orthopedics»

