Education of students
of Faculty of Medicine and Dentistry
in Disaster Medicine Unit, Pomeranian Medical University
Course: Emergency and Disaster Medicine

Teaching Unit:
Disaster Medicine Unit,
Pomeranian Medical University
70-204 Szczecin, Rybacka str. 1
Tel. 091-48 00 828

Head:
Stanisław Kulawiak, M.D.

Total Hours:
60 h, include:
   30 h seminars
   30 h classes

ECTS score: 4

Aims of Teaching:
An essential goal is to integrate the already acquired knowledge of emergency medicine with tactics of handling patients on spot of a multiple casualty incident (MCI) or disaster, and an essential goal of teaching emergency medicine is to acquire knowledge and abilities to give medical help in most frequent emergencies in human.

Detailed aims and didactic – educational tasks :
- ability of proper mind and action in crisis situations,
- ability of organization and leading of rescue in MCI, triage
- ability of giving first aid in chosen disaster situations.
Forms of Activities:

Subject of Disaster Medicine is carried out in III term (II year) in forms of seminars in dean’s groups, Emergency Medicine is carried out in IV term (II year) in forms of classes in subgroups 8-10 students each.

Elements of lectures are applied as well as discussion, planning, simulations of a rescue action, practical instructions, analysis of rescue actions from video.

Teaching Program:

Topics of seminars:

1. Introduction to Disaster Medicine. Rescue action phases. MCI and Disaster.


3. Special rescue in natural and technical disaster.


7. Medical response after Technical Disaster

8. Medical response after Constructional Disaster

9. Medical response after Nuclear Disaster.

10. Medical response after Chemical Disaster

11. Medical response after Bioterrorism.

12. Biological and Chemical weapons.


14. Human Rights in Extreme Situations according to Polish and International Law.
Topics of classes:

1. Primary survey and secondary assessment of a victim.
2. Cardiopulmonary Resuscitation (CPR).
3. CPR drills.
4. Wound dressings, management of hemorrhages.
5. Medical Emergencies.
6. Cold and heat-related illness and injury.
7. Head injuries.
8. Orthopedic emergencies.
10. Electric current and lightning injuries.
12. Emergencies in Dentistry
13. Triage drills

**Teaching Results.**

Student should know:

- how to organize first aid and collaborate with other rescue services,
- general rules of management in extreme situations,
- and can deliver a first aid to victims in situation of scarce of material and measures.
Credits:

Student obtains a credit as a confirmation of an active presence at seminars and classes, checking the knowledge and abilities concerning topics taught. Topics of seminars and classes, terms are given in schedules.

Literature:

4. Ciećkiewicz Jan (red.): Ratownictwo medyczne w wypadkach masowych, Wrocław 2008
5. Gaszyński Wojciech: Intensywna terapia i wybrane zagadnienia medycyny ratunkowej, Warszawa 2008