



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) valid from the academic year 2020/2021

General Information

Module title	Emergency and Disaster Medicine
Module type	Obligatory
Faculty	Faculty of Medicine and Dentistry
Field of study	Medicine and Dentistry
Major	Not applicable
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	Year II, semestr III
ECTS credits (incl. semester breakdown)	2
Type/s of training	seminars (10h)/ practical (20h)
Form of assessment	- graded assessment: * x test x practical
Head of the Department/ Clinic, Unit	Prof. dr hab. Elżbieta Grochans
Tutor responsible for the module	Dr n. zdr. Grzegorz Wójcik grzegorz.wojcik@pum.edu.pl
Department's/ Clinic's/ Unit's website	<i>Katedra i Zakład Pielęgniarstwa Żołnierska 48 71-210 Szczecin, p.3 pokój 312 Tel. 91048-00-910 https://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/zaklad-pielęgniarstwa</i>
Language	English

Detailed information

Module objectives		<p>-) Knowledge of organization scheme for rescue action and medical assistance for mass accidents/disaster.</p> <p>-) Knowledge of relevant procedures in selected disasters.</p> <p>-) Skill of medical examination of victims and procedures of on-site operation for mass accident/disaster.</p>
Prerequisite /essential requirements	Knowledge	First Aid
	Skills	First Aid
	Competences	Habit of self-education

Description of the learning outcomes for the subject /module			
Number of learning outcome	Student, who has passed the (subject) Knows /is able to /can:	SYMBOL (referring the standards) ZEK	Method of verification of learning outcomes
W01	knows and understands rules of organization applicable to disasters and failure, phases of rescue action and scope of giving aid	E.W5.	k
W02	knows and understands causes and mechanisms of circulatory and respiratory arrest as well as the principles of resuscitation and post-resuscitation proceeding	E.W17.	k
W03	knows and understands life-threatening states	E.W18.	k
W04	knows and understands cases in which the patient should be referred to the hospital	E.W20.	k
U01	is able to assess and explain mental and somatic state of patient	E.U2.	k/s
U02	is able to identify life-threatening risk	E.U8.	k/s
U03	is able to describe and recognize symptoms of shock and acute circulatory failure	E.U9.	k/s
K1	is ready to establish and maintain deep and respectful contact with the patient as well as to show understanding for ideological and cultural differences	K.1.	supervision
K2	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5.	supervision
K3	is ready to assume responsibility related to decisions taken as a part of professional activity, also in terms of own safety and the safety of others	K.11.	supervision

Table presenting learning outcomes of the subject/module in relation to the form of classes

No.	SYMBOL (referring the standards) ZEK	Types of training							
		Lecture	Seminar	Practical classes	Clinical classes	Lab classes	Simulation-based lab	e-learning	Other types
W01	E.W5.		X						
W02	E.W17.		X						
W03	E.W18.		X						
W04	E.W20.		X						
U01	E.U2.			X					
U02	E.U8.			X					
U03	E.U9.			X					
K01	K.1.			X					
K02	K.5.			X					
K03	K.11.			X					

Module (subject) contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	Seminar:	10	
TK.01	Introduction to disaster medicine Stages and organization scheme of a rescue	2	W01; W03; W04
TK.02	Co-operation among rescue services The psychological aspects of the rescue action	2	W01; W02; W03; W04
TK.03	The basic principles of crisis management and the restrictions of human rights. Actions in road accidents/disasters The evacuation of the population	2	W01;W02; W03; W04
TK.04	Actions in building accidents/disasters. The search and rescue actions Actions in chemical accidents/disasters. Actions post nuclear disasters	2	W01; W03; W04
TK.05	Actions post biological attack. The epidemiological threats in the scene of disaster. Mass decontamination	2	W01; W02; W03; W04
	Practical classes:	20	
TK.1	CPR adult and children	4	U01; U02; U03; K1; K2; K3
TK.2	Medical examination of victims and Clinical condition	2	U01; U02; U03; K1; K2; K3
TK.3	The management in the injuries of the human musculoskeletal system	2	U01; U02; U03; K1; K2; K3
TK.4	The management in the direct and external life-threatening situations	2	U01; U02; U03; K1; K2; K3
TK.5	The management in the direct and internal life-threatening situations	2	U01; U02; U03; K1; K2; K3
TK.6	Medical segregation (Triage)	2	U01; U02; U03; K1; K2; K3
TK.7	Medical evacuation and medical transport	2	U01; U02; U03; K1; K2; K3
TK.8	The formulation of a rescue plan	2	U01; U02; U03; K1; K2; K3
TK.9	Test	2	U01; U02; U03; K1; K2; K3

Booklist	
Obligatory literature:	
1. Ciottone G. Disaster Medicine, 1st ed. 2006 Mosby, An Imprint of Elsevier 2. Hogan D, Burstein L. Disaster Medicine 2002	
Supplementary literature:	
Student's workload (balance sheet of ECTS credits)	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutors	30
Time spent on preparation to seminars/ practical classess	10
Time spent on reading recommended literature	10
Time spent on preparing to colloquium/ entry test	5
Student's workload in total	55
ECTS credits for the subject (in total)	2
Remarks	

* Selected examples of methods of assessment:

K – colloquium

S – practical skills assessment