



# Pomorski Uniwersytet Medyczny w Szczecinie

## SYLLABUS OF THE MODULE MEDICAL FIRST AID General information

Module title: First aid	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medical and Dentistry
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester	Year 1 , semester I
ECTS credits (incl. semester breakdown)	0.5
Type/s of training (Number of hours)	Seminars (2h) Practical classes (8h)
Form of assessment <sup>1</sup>	<input checked="" type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input checked="" type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> <input type="checkbox"/> non-graded assessment  <input type="checkbox"/> final examination: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul>
Head of the Department/Clinic, Unit:	Dr hab. n. med. Cezary Pakulski
Tutor responsible for the module	mgr Katarzyna Taczala e-mail – katarzyna.zakrzewska@pum.edu.pl
Name and contact data of the unit	Department of Anaesthesiology, Intensive Care and Emergency Medicine e-mail - cluw@pum.edu.pl; tel. – 91 425 35 81
Department's/Clinic's/Unit's website	<a href="http://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/oddzial-kliniczny-anestezjologii,-intensywnej-terapii-i-medycyny-ratunkowej">http://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/oddzial-kliniczny-anestezjologii,-intensywnej-terapii-i-medycyny-ratunkowej</a>
Language	Polish/English

### Detailed information

Module objectives		Preparing the student to undertake independent assessment of the patient's state of health, recognition of health emergencies and implementation of first aid procedures appropriate to the patient's condition, including performance of non-instrumental cardiopulmonary resuscitation with the use of AED.
Prerequisite /essential requirements	Knowledge	basic knowledge of the structure and function of human organs
	Skills	-
	Competences	-

Description of the learning outcomes for the subject/module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	knows and understands organizational and legal aspects of Poland's health care system	G.W8	K
W02	knows and understands laws and regulations regarding offenses connected with dental practice	G.W24	K
W03	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 S
W04	knows and understands life-threatening states	E.W18	K S
U01	is able to identify life-threatening risk	E.U8	S
K01	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	O
K02	is ready to respect physician-patient privilege and patient's rights	K.3	O
K03	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5	O
K04	is ready to draw conclusions from own measurements or observations	K.8	O
K05	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	O

Table presenting LEARNING OUTCOMES in relation to the form of classes							
No of learning effects	Learning outcomes	Type of classes					
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning Other forms
W01	G.W8		+				
W02	G.W24		+				
W03	E.W17		+	+			
W04	E.W18		+	+			
U01	E.U8			+			
K01	K.1		+	+			
K02	K.3		+	+			
K03	K.5		+	+			
K04	K.8		+	+			
K05	K.11		+	+			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
<b>Winter semester</b>			
<b>Seminar</b>			
TK01	Legal aspect of providing first aid based on the Act on State Medical Rescue Service and the Penal Code.	0.25	W01; W02; K01; K02; K04
TK02	Safety of oneself and the place of incident. Alerting the environment and notifying professional services of an incident. Activating the chain of survival.	0.25	W04 K01; K03
TK03	Recognition of sudden cardiac arrest. Algorithm for management of sudden cardiac arrest according to the Resuscitation Guidelines 2015 of the Polish Resuscitation Council.	0.5	W03; W04 K03; K04; K05
TK04	Automated external defibrillator - AED. AED as a link in the chain of survival and its influence on the effectiveness of cardiopulmonary resuscitation. Principles of performing safe defibrillation with an AED.	0.25	W03; W04 K03; K04; K05
TK05	Assessment of the patient's condition. Taking medical history. Recognition of health emergencies.	0.25	W.03; W04 K01, K03; K04; K05
TK06	The principles of management in selected states of medical emergency in a patient with preserved vital functions, including trauma victim. Psychological support of a patient. Ensure thermal comfort of the patient and provide optimal positioning. Principles of external haemorrhage control and limb immobilisation.	0.25	W.03; W.04 K01, K03; K04; K05
TK07	Procedure in case of choking. Recognition of mild and severe airway obstruction due to foreign body.	0.25	W.03; W.04 K03; K04; K05
<b>Practical classes</b>			

TK02	Safety of oneself and the place of incident. Alerting the environment and notifying professional services of an incident. Activating the chain of survival.	0.5	W04; U01 K03; K04; K05
TK03	Recognition of sudden cardiac arrest. Algorithm for management of sudden cardiac arrest according to the Resuscitation Guidelines 2015 of the Polish Resuscitation Council.	3	W03; W04; U01 K03; K04; K05
TK04	Automated external defibrillator - AED. AED as a link in the chain of survival and its influence on the effectiveness of cardiopulmonary resuscitation. Principles of performing safe defibrillation with an AED.	1	W03; W04; U01 K03; K04; K05
TK05	Assessment of the patient's condition. Taking medical history. Recognition of health emergencies.	0.5	W.03; W04; U01 K03; K04; K05
TK06	The principles of management in selected states of medical emergency in a patient with preserved vital functions, including trauma victim. Psychological support of a patient. Ensure thermal comfort of the patient and provide optimal positioning. Principles of external haemorrhage control and limb immobilisation.	1	W.03; W.04; U01 K03; K04; K05
TK07	Procedure in case of choking. Recognition of mild and severe airway obstruction due to foreign body.	2	W.03; W.04; U01 K03; K04; K05

<b>Booklist:</b>
Obligatory literature:
1. Wytyczne resuscytacji 2015, Wydawnictwo Polskiej Rady Resuscytacji, Kraków 2016, ISBN 978-83-89610-28-7
Supplementary literature:
1 . Pierwsza pomoc i resuscytacja krążeniowo-oddechowa, wydanie III, Polska Rada Resuscytacji, Kraków 2011, ISBN 978-83-89610-12-6

<b>Student's workload</b>	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	10
Time spent on preparation to seminars/ practical classes	2
Time spent on reading recommended literature	2
Time spent on writing report/making project	-
Time spent on preparing to colloquium/ entry test	1
Time spent on preparing to exam	-
Other .....	-
Student's workload in total	15
ECTS credits	0.5

<b>Notes</b>

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...