



Pomeranian Medical University in Szczecin[PUM]
COURSE SYLLABUS
General information

Name of Course: Elective: Medical rescue actions	
Type of course	<i>Compulsory</i>
PUM Faculty	<i>Faculty of Medicine and Dentistry</i>
Field of study	<i>Medicine</i>
Specialization	-
Level of study	<i>Long-term studies</i>
Form of study	<i>Full-time, part-time</i>
Year of study /semester	<i>V year</i>
Number of ECTS credits allocated	<i>1</i>
Forms of teaching (number of hours)	<i>Practical exercises (15 hours)</i>
Methods of verification and assessment of learning outcomes *	<input checked="" type="checkbox"/> <i>graded credit :</i> <input type="checkbox"/> <i>descriptive credit</i> <input checked="" type="checkbox"/> <i>test credit</i> <input type="checkbox"/> <i>practical credit</i> <input type="checkbox"/> <i>oral credit</i> <input type="checkbox"/> <i>credit without grade</i> <input type="checkbox"/> <i>final exam:</i> <input type="checkbox"/> <i>descriptive credit</i> <input type="checkbox"/> <i>test credit</i> <input type="checkbox"/> <i>practical credit</i> <input type="checkbox"/> <i>oral credit</i>
Head of Unit	<i>Dr hab. n. med. Cezary Pakulski, MD, Ph.D</i>
Teaching assistant professor or person responsible for the course	<i>mgr Monika Felczerek, MA monika.felczerek@pum.edu.pl</i>
Name and contact details of unit	<i>Department of Anaesthesiology, Intensive Care and Emergency Medicine 1 Unii Lubelskiej Street, 71-252 Szczecin</i>
Unit's website	<i>https://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/oddzial-kliniczny-anestezjologii,-intensywnej-terapii-i-medycyny-ratunkowej</i>
Language of instruction	<i>Polish/English</i>

¹ tick as appropriate, changing to

Detailed information

Learning objectives		<i>To prepare the student for the assessment of adult and child patients according to the ABCDE scheme enabling rapid identification of life threatening conditions. On this basis, the student determines the correct sequence of management and makes appropriate therapeutic decisions. Systematic assessment of the patient's condition is a safe and effective method of caring for critically ill patients.</i>
Preliminary requirements in terms of	Knowledge	<i>Curriculum knowledge of the first aid course, qualified first aid,</i>
	Skills	<i>Working in a group, acting as a leader,</i>
	Social competences	<i>The habit of self-education, working in a team, making quick decisions in stressful situations, empathy</i>

LEARNING OUTCOMES			
Number of learning outcome	A student who has completed of the COURSE knows/can:	SYMBOL (reference to) learning outcomes for the field of study	Method of verifying the learning outcomes*
U01	A student builds an atmosphere of trust throughout the treatment process;	D.U4.	S, SP
U02	A student interviews adult, child, and family patients using active listening techniques and expressing empathy, and talks with patients about their living situations;	D.U5.	S, SP
U03	A student informs the patient of the purpose, course and possible risks of the proposed diagnostic or therapeutic action and obtains informed consent;	D.U6.	S, SP
U04	A student identifies risk factors for violence, diagnoses violence and responds appropriately;	D.U9.	S, SP
U05	A student respects patient rights, including: the right to protection of personal data, the right to intimacy, the right to respect for dignity, the right to health information, the right to confidentiality of patient-related information, the right to informed consent to or withdrawal from treatment; the right to health services; the right to report an adverse drug reaction; and the right to die with	D.U14.	S, SP

	dignity;		
U06	A student conducts a medical history with an adult patient;	E.U1.	S, SP
U07	A student conducts a medical history with the child and his/her family;	E.U2.	S, SP
U08	A student performs a complete and focused physical examination of the adult patient;	E.U3.	S, SP
U09	A student performs a physical examination of a child of all ages;	E.U4.	S, SP
U10	A student assesses the patient's general condition, state of consciousness and awareness;	E.U7.	S, SP
U11	A student diagnoses immediate life threatening conditions;	E.U14.	S, SP
U12	A student performs analysis of possible side effects of individual drugs and drug interactions;	E.U17.	S, SP
U13	A student proposes individualization of current therapeutic guidelines and their treatment methods in the face of ineffectiveness or contraindications to standard therapy;	E.U18.	S, SP
U14	A student qualifies patient for home and hospital treatment;	E.U20.	S, SP
U15	A student performs basic medical procedures and treatments including: a) Body temperature measurement, heart rate measurement, non-invasive blood pressure measurement, b)Monitoring of vital signs with a cardiomonitor, pulse oximetry, c)Spirometric examination, oxygen treatment, assisted and replacement ventilation, d) Oropharyngeal tube insertion, e) Intravenous, intramuscular, subcutaneous injections, peripheral venous cannulation, collection of peripheral venous blood, collection of blood cultures, collection of arterial blood, collection of arterialized capillary blood, f) Taking nasal, throat and skin swabs, pleural puncture, g) Bladder catheterization in men and women, gastric gavage, gastric lavage, enema, h) Standard resting electrocardiogram with interpretation, electrical	E.U29.	S, SP

	cardioversion and cardiac defibrillation, i) Simple strip tests and blood glucose measurement,		
U16	A student assesses the condition of the unconscious patient according to current international scoring scales,	F.U21.	S, SP
U17	A student gathers information on the presence of risk factors for infectious and chronic diseases and plans preventive actions at various levels of prevention,	G.U2.	S, SP
U18	When examining a child, diagnoses behaviors and symptoms that indicate possible child abuse,	G.U5.	S, SP

Table of learning outcomes in relation to the form of classes

Number of learning outcome	Learning outcomes	Form of the classes						
		Lecture	Seminar	Practical Exercises	Clinical exercises	Simulations	E-learning	Other forms
U01	D.U4.					X		
U02	D.U5.					X		
U03	D.U6.					X		
U04	D.U9.					X		
U05	D.U14.					X		
U06	E.U1.					X		
U07	E.U2.					X		
U08	E.U3.					X		
U09	E.U4.					X		
U10	E.U7.					X		
U11	E.U14.					X		
U12	E.U17.					X		
U13	E.U18.					X		
U14	E.U20.					X		
U15	E.U29.					X		
U16	F.U21.					X		
U17	G.U2.					X		
U18	G.U5.					X		

CURRICULUM TABLE			
Crriculum number	Curriculum content	Number of hours	Reference to the learning outcomes for the CLASSES
Winter semester / Summer semester			
Simulation			
TK01	Examination of a patient according to ABCDE scheme (diagnosis of a patient in life-threatening condition)	1	D.U.4., D.U.5., D.U.6., D.U.14., E.U1., E.U3., E.U7., E.U14., E.U29., F.U21., G.U2.,
TK02	Electrotherapy. Technical aspects of cardioversion and electostimulation	1	D.U.4., D.U.5., D.U.6., D.U.14., E.U7., E.U14., E.U29.,
TK03	Examination of the patient according to ABCDE scheme (respiratory diseases)	3	C.W37., D.U.4., D.U.5., D.U.6., D.U.14., E.U1., E.U3., E.U7., E.U14., E.U17., E.U20., E.U29., F.U21., G.U2,
TK04	Examination of a patient according to ABCDE scheme (neurological emergencies)	2	C.W37., D.U.4., D.U.5., D.U.6., D.U.14., E.U1., E.U3., E.U7., E.U14., E.U17., E.U20., E.U29., F.U21., G.U2,
TK05	Examination of a patient according to ABCDE scheme (cardiac emergencies)	3	C.W37., D.U.4., D.U.5., D.U.6., D.U.14., E.U1., E.U3., E.U7., E.U14., E.U17., E.U18., E.U20., E.U29., F.U21., G.U2,
TK06	Examination of the child according to the ABCDE scheme (recognition of a child in a life-threatening condition)	1	C.W37., E.W6., D.U.4., D.U.5., D.U.6., D.U.14., E.U2., E.U4., E.U7., E.U14., E.U29., F.U21., G.U2., G.U5,
TK07	Examination of the child according to ABCDE scheme (child in respiratory distress)	2	C.W37., E.W6., D.U.4., D.U.5., D.U.6., D.U.14., E.U2., E.U4., E.U7.,

			E.U14., E.U17., E.U20., E.U29., F.U21., G.U2,
TK08	Examination of the child according to the ABCDE scheme (child in cardiac failure)	1	C.W37., E.W6., D.U.4., D.U.5., D.U.6., D.U.14., E.U2., E.U4., E.U7., E.U14., E.U17., E.U20., E.U29., F.U21., G.U2,
TK09	Examination of the child according to ABCDE scheme (special situations)	1	C.W37., E.W6., D.U.5., D.U.6., D.U.9., D.U.14., E.U2., E.U4., E.U7., E.U14., E.U17., E.U18., E.U20., E.U29., F.U21., G.U2., G.U5,

Recommended Literature:	
Reference literature	
1. Wytyczne resuscytacji 2015, wyd. Polska Rada Resuscytacji. Kraków 2015, ISBN 978-83-89610-28-7	
Complementary literature	
1. Interna Szczeklika - mały podręcznik 2019/2020, Kraków 2018, ISBN 978-83-7430-549-5	
2. Garcia T, Holtz N.: EKG Sztuka interpretacji. Wydawnictwo Medipage, wyd.2, Warszawa 2015 ISBN 978-83-64737-34-3	

Student workload	
Form of student workload (class participation, activity, report preparation, etc.)	Student workload [h].
	In the teacher's assessment (opinion)
Contact hours with the teacher/instructor	15
Preparation for exercise/seminar	5
Reading the indicated literature	5
Total student workload	25
ECTS credits	1
Notes	

*Example Methods of verification of educational outcomes:

EP - written exam

EU - oral test

ET - test exam

EPR - practical test

K - test

R - paper

S - testing of practical skills

RZČ - report from practical exercises with discussion of results

O - evaluation of student's activity and attitude

SL - Laboratory report

SP - case study

PS - assessment of ability to work independently

W - short test before the beginning of classes

PM - multimedia presentation

and other