
		UNIVERSITY OF EAST SARAJEVO Faculty of Medicine					
		Study program: Medicine					
		Integrated academic studies		Year of study: V			
Full course title		PAIN MEDICINE					
Department		Department of Surgery, Faculty of Medicine in Foča					
Course code			Course status		Semester		ECTS
ME-02-2-054-9			elective		IX		1
Teacher/-s		Assistant professor Sanja Marić, MD, PhD; Assistant professor Milivoje Dostić, MD, PhD					
Associate/ - s							
The number of teaching hours / teaching workload (per week)			Individual student workload (in hours per semester)			Coefficient of student workload S₀¹	
L	E	SP	L	E	SP	S₀	
1	0	0	1*15*1	0*15*1	0*15*1	1	
Total teaching workload (in hours, per semester) 1*15 + 0*15 + 0*15=15				Total student workload (in hours, per semester) 1*15*1 + 0*15*1 + 0*15*1= 15			
Total subject workload (teaching+student): 15 + 15 = 30 hours per semester							
Learning outcomes		By the end of this course students will be able to: 1. Master the basics of pathophysiology of pain 2. Assess pain independently and apply appropriate pain assessment scales 3. Apply basic diagnostic methods 4. Apply basic therapeutic procedures according to types of pain syndromes					
General competences		They fulfill the legal requirements for a career in the field of medicine and are eager to accept responsibility associated with medical knowledge concerning additional professional education. They are capable of making appropriate therapeutic decisions. They are acquainted with the structure, organisation and financing of health systems. They are eager to dedicate themselves to the field of medicine and accept responsibility for the physical, mental and social well-being of their patients. They are eager to collaborate with other medical professionals. They are able to achieve effective teamwork and develop leadership skills. They are conscious of the necessity for continuous learning and improvement process to maintain a high level of medical competence.					
Preconditions		Precondition for taking the exam: all of the fourth year exams passed					
Teaching methods							
Course content per week		Lectures 1. Neuroanatomy of pain pathways 2. Pathophysiology of pain 3. Pain assessment 4. Non-opioid painkillers 5. Opioid pain killers 6. Coanalgesics 7. Non-pharmacological methods of pain management 8. Acute pain 9. Postoperative pain, traumatic pain 10. Visceral pain 11. Chronic pain syndrome 12. Neuropathic pain 13. Cancer pain 14. Headaches and orofacial pain 15. Pain according to special age groups					
Compulsory literature							
Author/-s		Publication title, publisher			Year	Pages (from-to)	
Вујадин Мујовић.		Bol: Fiziološke osnove i strategija analgezije, 2.ed., <i>Elit medica</i> , Beograd.			2003		
Mujović VM, Starčević VP.:		Bol: Fiziološke osnove i mehanizam			2005		

¹ Coefficient of student workload S₀ is calculated as it follows:

a) for the study programs not going through the licensing process: S₀ = (total workload in semester for all of the subjects 900 hrs – total teaching workload L+E in semester for all of the subjects 870 hrs) / total teaching workload L+E in semester for all of the subjects ____ hrs = _____. Consult form content and its explanation.

b) for the study programs going through the licensing process, it is necessary to use form content and its explanation.

	kontrole. A-Z Book, o.d., Beograd.		
Марко Јукић	Бол, узроци и лијечење, Медицинска наклада Загреб.	2011	
Additional literature			
Author/-s	Publication title, publisher	Year	Pages (from-to)
Student responsibilities, types of student assessment and grading	Grading policy		Points
	Pre-exam activities		Percentage
	lecture/exercise attendance	30	30%
	seminar paper	20	20%
	Final exam		
	test	50	50%
	TOTAL	100	100 %
Certification date	June 17th 2024		

* the number of necessary rows is added by using *insert mode*