

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/ NCH-CHIRd/09	Course name: Neurochirurgia
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: solution of the problems, test	
Learning outcomes: It is crucial to obtain information about the symptoms and treatment of intracranial hypertension diagnosis and determination of brain death, which is important for the possibility of organ transplantation. Findings of birth defects of the nervous system similar to the diagnosis and treatment of head and spinal injuries are an essential range of what the student obtains at this semester. Diagnosis and treatment of tumors of the nervous system, as well as using of radioinvasive procedures in neurosurgery are necessary, which must be controlled after completing each section of the course.	
Brief outline of the course: Intracranial pressure - pathophysiology of intracranial hypertension. Congenital malformations of the nervous system. Head injuries. Trauma of spine, spinal cord and peripheral nerves. Tumours of the nervous system. Vascular neurosurgery. Pain and nerve compression syndromes of peripheral nerves.	
Recommended literature: Základy neurochirurgie: Miroslav Gajdoš, Igor Šulla /zostavovatelia/, 1. vyd. - Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2013. - 414 s. - ISBN 9788081520037. Vybrané kapitoly z neurochirurgie: Igor Šulla, Ján Faguľa Miroslav Gajdoš, Marián Šanta. 2. vyd. - Košice : Lekárska fakulta UPJŠ, 1999. - 131 s. - ISBN 80-7097-383-8. Chirurgia krku a hlavy 4 in Špeciálna chirurgia: Ján Černý a kol. Martin, 1995, 492 s. – ISBN 80-217-0471-3.	
Course language: Slovak	
Notes:	

Course assessment	
Total number of assessed students: 6	
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0.0	100.0
Provides: doc. MUDr. Miroslav Gajdoš, CSc., mim.prof.	
Date of last modification: 12.02.2016	
Approved: prof. MUDr. Jozef Radoňak, CSc., MPH	