

Subject	NEUROLOGY WITH NEUROPHYSIOLOGY										
Study programme	Three years educational studies for graduated physiotherapist										
Code	SF-218										
Study year	Second										
Semester	Third										
Overall hours	70										
Credits	5										
Subject type	Mandatory										
Conditions	Fullfilled condition for second year enrollment										
Performs	Department of Neurology										
Responsible teacher	Prof. d-r Vera Daskalova										
Address:	Clinic of Neurology, street Vodnjanska 17, Skopje, Tel. +389 2 147 333 (Neurology)										
Key words	Physiotherapist studies, basic subjects, neurology										
Educational aims	To get acquainted with the clinical picture, diagnostic and therapeutic possibilities of the most frequent neurologic disases, with special attention towards blood vessels, degenerative diseases and brain tumors, as well as the injuries and functional disturbances										
Short content	<p>Theoretical teaching (40 hours):</p> <ul style="list-style-type: none"> • Assesment of the patient with neurologic diseases (history of the disease, • Physical examination, diagnostic procedures) • Neurotransmission (neurophysiology) • Electrodiagnostic evaluation or peripheral nervous system • Pain • Headache • Cerebral lobe dysfunction (aphasia, apraxia, • agnosia, amnesia) • Epilepsy • Cerebrovascular diseases • Brain tumors • Cranial nerves dysfunction • Movement disorder (tremor, dyskinesia, M.Parkinsoni, • Cerebellar and spinocerebellar disorders) • Multiple sclerosis • Impairment and diseases of the spinal cord • Impairment and diseases of the peripheral nervous system and • Motor neurons • Muscle impairment and diseases <p>Practical teaghing (30 hours): Practical assessment of the patients with neurological diseases and demonstration of the metods for neurologic and neurophysiologic diagnosis</p>										
Organization	Theoretical teaching: 40 hours Practical teaching: 30 hours										
Learning methods	Theoretical and practical lessons										
Predicted learning results	<p>Knowledge and understanding: The student will acquire knowledge and understanding of the most frequent health problems of the neurologic patients.</p> <p>Key skills: The student will be able to apply in practice the acquired theoretical knowledge.</p>										
Specific teaching recommendations	The student is obliged to actively follow all predicted activities, including participation in the continuous knowledge testing, in order to get a signature.										
	<p>Student's activity points:</p> <table border="1"> <thead> <tr> <th>Activity type</th><th>Points</th></tr> </thead> <tbody> <tr> <td>Theoretical lessons*</td><td>7,5-15</td></tr> <tr> <td>Practical lessons**</td><td>7,5-15</td></tr> <tr> <td>Continuous check-outs-2</td><td>45-70</td></tr> <tr> <td>Overall</td><td>60-100</td></tr> </tbody> </table> <p>* Presence during theoretical lessons : 51% - 60% - 7.5 points; 61% - 70% - 8.5 points;</p>	Activity type	Points	Theoretical lessons*	7,5-15	Practical lessons**	7,5-15	Continuous check-outs-2	45-70	Overall	60-100
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	<p>71% - 80% - 10 points; 81% - 90% - 12 points; 91% -100% - 15 points.</p> <p>** practical lessons: every lessons gives 1 point (30 lessons): Presence - 0.5 points Activity during practical lesson - 0.5 points Qualifying criteria : The student is required to regularly attend theoretical and practical lessons and to be subjected to regular check-ups. The knowledge check-ups are written.(with multiple choise questions). The student is obliged to actively follow all predicted activities, including participation in the continuous knowledge testing, in order to get a signature at the end of semester. The student is obliged to obtain minimum points (60%) from two continuous check-ups when he/she have the right to take the final grade. If the student pass one of the two colloquiums he/she have right to take the final exam. If the student does not pass the two colloquiums he/she does not have right to take the complete final exam. Final exam: There is no final exam. If the student pass the two colloquiums, the final grade is given. Complete final exam: The student is obliged to obtain minimum points (60%) from continuous check-ups, otherwise, appears for complete final exam. The final exam consists of continuous check-ups where the student has not obtained minimum points. If the student does not pass the non-passed colloquium, he/she does not have the right to take the final grade. Final grade: The final grade is given according to the table of grades, and according to the points sum obtain by all activities, including continuous check-ups. PART-TIME STUDYS: Realisation of 40% from theoretical and practical lesions. Finl exam is consists of: - Exam with multiple choise questions The grade of the overall exam is obtain based on the points sum obtained by all predicted activities.</p>
Educational supplies	<p>Basic: Authorized lectures by the Department of Neurology.</p>