

Subject	PHYSIOTHERAPY IN PAEDIATRICS
Study program	Three years professional studies for graduated physiotherapist
Code:	SF-322
Year of study	Third
Semester	VI
Total classes	90
Credits	5,5
Type of subject	Obligatory
Preconditions	the conditions for enrollment in the third year of study
Executed by	Chair (Cathedra) for Paediatrics and Cathedra for Physical Medicine and Rehabilitation
Responsible teachers	Prof. d-r Stefka Grujoska, M.D.,Ph.D Associate Prof. d-r Erieta Nikolikj-Dimitrova, M.D.,Ph.D
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Key words	Study for physiotherapist, professional subjects, physiotherapy , children, paediatrics
Goals of study	The student is acquired with basic knowledge about the role of the physiotherapist and the methods of physical therapy applied in the children aged.
Class descriptions (Brief content)	<p>Theoretical instruction (10 lessons):</p> <ul style="list-style-type: none"> ◁ Evaluation of the newborn, ◁ Evaluation of the growth and development of the child: anthropometrical measurements, posture, flexibility, strength muscles, sensations and motor development, ◁ Application to physiotherapeutic methods in children and the young people with: ◁ Neurological disorders, ◁ Congenital abnormalities , ◁ Bone disorders,, joins and muscles , ◁ Respiratory system diseases, ◁ Cardiac and vascular system diseases, ◁ Hematopoietic system diseases (haemophilia). <p>Practical instruction (20 lessons):</p> <ul style="list-style-type: none"> ◁ Taking anthropometrical measurements , ◁ The estimation of the functional status of the children , ◁ Conducting physiotherapeutic methods in children with neurological,

	<p>congenital, muscles-skeletal and respiratory disorders.</p> <p>Practice – practical training (60classes): The practice is obligatory and is carried out in the institution for physiotherapy under the guidance of the mentor-teacher and the physiotherapist responsible for the department. Student will be obliged and included in all activities of the physiotherapy during time work, and he keeps a log book of his activities.</p>														
Organization	<p>Theoretical instruction: 10 lessons Practical instruction: 20 lessons Practice: 60 classes</p>														
Methods of learning	Lectures, interactive lessons, practical lessons, practical training														
Provided results of study	<p>Knowledge and understanding: Student will gain the knowledge and understanding physiotherapeutic methods applied in children and young people.</p> <p>Key skills: Student will be able to apply the acquired theoretical knowledge in practice.</p>														
Specific recommendations for instruction	<p>The student is obligated to follow all provided activities actively including participation in continuous knowledge examinations in order to get signature:</p> <p>Ranking of the student activities</p> <table border="1"> <thead> <tr> <th>Type the Activity</th><th>Points</th></tr> </thead> <tbody> <tr> <td>Theoretical instruction *</td><td>5-10</td></tr> <tr> <td>Practical instruction**</td><td>10 -20</td></tr> <tr> <td>Practice ***</td><td>5 -10</td></tr> <tr> <td>Continuous examination</td><td>25 -40</td></tr> <tr> <td>Practical exam</td><td>15 -20</td></tr> <tr> <td>Total:</td><td>60 -100</td></tr> </tbody> </table> <p>* The presence on theoretical instruction 51% - 60% - 5 points, 61% - 70% - 6 points, 71% - 80% - 7 points, 81% - 90% - 8 points, 91% -100% - 10 points .</p> <p>** Practicalinstruction: every practical lesson brings 1 points (20 exercise): the presence of – 0.5 points activity on practical lesson- 0.5 points</p>	Type the Activity	Points	Theoretical instruction *	5-10	Practical instruction**	10 -20	Practice ***	5 -10	Continuous examination	25 -40	Practical exam	15 -20	Total:	60 -100
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	<p>*** Successful practice:</p> <p>51% - 60% - 5 points, 61% - 70% - 6 points, 71% - 80% - 7 points, 81% - 90% - 8 points, 91% -100% -10points</p> <p>Conditional criteria: student is necessary to regularly visit theoretical classes, exercises and practice, and then approach to continuous examination (checking). Checking the knowledge is written and performed after the theoretical lecture and exercises. Practical part of the exam is carried out after the end of preserving the practice and consists of a review of the practical skills evaluation of the log book kept by the student and evaluate student behaviour and engagement. Rating of the overall exam is obtained according to the table estimates, based on the sum of points from all activities, including ongoing checks and practical part of the exam. Student shall be obliged to win a minimum score of (60%) of continuous checking and practically competent exam, otherwise, it is access complete final exam .</p> <p>Complete final exam: is a written and/or practical exam. Consists of continuous checking and/or practical part of the exam that the student did not won minimum points.</p>
Learning materials	<p>Basic: Authorized lectures of cathedra</p> <p>Additional: Shepherd RB. Physiotherapy in Pediatrics, 3rd Edition. Butterworth-Heinemann Ltd, 1995</p>