



## COURSE INFORMATION FORM

	Course Information					
Year of Curriculum	Course Title	Code	Semester	L+P Hour	Credits	ECTS
	Rehabilitation of Muscle Tone Disorders	5055001	I-II	3+0	3	7

Language of Instruction	Turkish
Course Level	Postgraduate
Department/Program	Department of Physiotherapy and Rehabilitation / Master's Degree with Thesis
Education Type	Formal
Course Type	Elective
Prerequisites	-
Department/Program Coordinator	Asst. Prof. Çağtay MADEN
Instructors	Asst. Prof. Demet GÖZAÇAN KARABULUT
Assistants	-
Objectives of the Course	To examine the mechanism of muscle tone disorders, their effects on movement and function, evaluation methods and physiotherapy rehabilitation approaches applied. In addition, to provide the student with the knowledge and skills to examine the current literature on the subject and to gain the knowledge and skills that support clinical decision-making skills in muscle tone disorders.
Course Content	Defining tonus disorders (spasticity, rigidity, hypotonia, etc.) seen as a result of damage to the upper motor centers - Examining the mechanism and factors affecting muscle tone comprehensively with the literature, - Determining appropriate evaluation approaches, - Investigating physiotherapy and rehabilitation approaches.
Teaching-Learning Methods and Techniques Used in the Course	Expression Discussion Question & Answer Preparing and / or Presenting a Report Drill & Practice Case Study Problem / Problem Solving Brainstorming

<b>Internship of the Course (If there is)</b>	-
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<b>Learning Outcomes</b>
1. Defines normal muscle tone and muscle tone disorders.
2. Evaluates muscle tone disorders. Evaluates muscle tone disorders.
3. Knows different rehabilitation approaches in muscle tone disorders.
4. Follows the factors that may affect rehabilitation in muscle tone disorders in line with the literature.
5. Discusses with team members about the selection of the appropriate rehabilitation approach in muscle tone disorders.

<b>COURSE CONTENT</b>	
<b>Week</b>	<b>Topics</b>
1	Introduction to the course
2	Mechanism of formation of muscle tone
3	Pathogenesis, mechanism and symptoms of spasticity
4	Spasticity assessment methods
5	Rehabilitation methods applied in spasticity
6	Discussion of literature information specific to spasticity
7	Dystonia, evaluation and literature discussion
8	Midterm Exam
9	Rigidity assessment and rehabilitation approaches
10	Hypotonus, hypertonus evaluation and rehabilitation approaches
11	Current literature
12	General literature review on muscle tone disorders
13	Case discussions
14	General review
15	Final Exam

RECOMMENDED SOURCES		
course material		
ASSESSMENT		
IN-TERM STUDIES	QUANTITY	PERCENTAGE
Mid-terms	1	40
Quizzes		
Homework		
Attendance		
Practice		
Seminar		
Internship of the Course		
Project		
Field Survey		
Workshop		
Laboratory		
Presentation		
Final examination	1	60
<b>Total</b>	2	100
Contribution of Semester Studies to the Success Grade		
Contribution of the Final Exam to the Success Grade		
<b>Total</b>		

ECTS/WORKLOAD TABLE			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 15x Total course hours)	15	3	45

Hours for off-the-classroom study (Pre-study, practice)	15	3	45
Homework	15	3	45
Seminar			
Presentation	14	3	42
Practice			
Laboratory			
Internship of the Course			
Project			
Field Survey			
Workshop			
Others (.....)	1	1	1
Mid-terms	1	1	1
Quizzes	1	2	2
Homework(s)/Seminar(s)			
Final examination	1	1	1
<b>Total Work Load</b>			210
<b>Total Work Load / 30 (h)</b>			210/30
<b>ECTS Credit of the Course</b>			7

#### ASSOCIATING THE LEARNING OUTCOMES OF THE COURSE WITH THE PROGRAM OUTCOMES

Course Learning Outcomes	PO1	PO2	PO3	PO4	PO5	PO6
<b>CLO1</b>	5	2	4	5	2	3
<b>CLO2</b>	5	2	5	5	3	5
<b>CLO3</b>	5	1	5	5	3	5
<b>CLO4</b>	4	5	3	5	5	5
<b>CLO5</b>	5	4	1	5	5	5
<b>CLO: Course Learning Outcomes PO: Programe Outcomes</b>						
<b>Contribution level</b>	1. Very low	2. Low	3. Medium	4. High	5. Very High	