FTR208 - Manipulative Therapy Techniques II

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)	ECTS
Manipulative Therapy Techniques II	FTR 208	4. Semester/2.term spring	2	3	-	3

Prequisites	-
Course language	Turkish
Course type	Compulsory
Learning and teaching strategies	Lecture, Demonstration, Lecture/Showing, Clinical Practice
Instructor (s)	
Course objective(Aim of course)	To introduced the conditions which produce pain, inflammation and limited motion in joints and soft tissue structures; to provide acknowledgement of basic evaluation methods; to acquired skill of basic mobilization and manipulation application techniques for the treatment of these conditions.
Learning outcomes	1. Describes functional anatomy of the vertebral column and peripheral joints 2. Comprehenses the mechanism of effectiveness of mobilization, manipulation and transverse friction techniques, observes and applies applications 3. Describes clinical characteristics of the joint and soft tissue problems, percieves and applies of basic evaluation techniques, make decisions about the technique of manuel therapy and applies them at a basic level.
References	Tomris, Duymaz, Mobilizasyon teknikleri : ekstremiteler ve spinal teknikler, Ankara : Hipokrat Kitabevi, 2017 İnci Yüksel, Ortopedik problemlerde manuel terapi : transvers friksiyon teknikleri : vertebral ve periferik eklem manipülasyonları, Ankara : Hipokrat Kitabevi, 2017

Course outline weekly:

Weeks	Topics
1. Week	Functional anatomy, biomechanics, pathomechanics and basic evaluation principles of joints and soft tissues
2. Week	Transverse friction technique's mechanism of effectiveness and application principles
3. Week	Transverse friction massage treatments in the treatment of upper extremity tendon, ligament and muscle injuries
4. Week	Transverse friction massage treatments in the treatment of lower extremity tendon, ligament and muscle injuries
5. Week	Transvers friction technique -Decision making and treatment applications
6. Week	Regional functional anatomy and biomechanics adapted to manual therapy
7. Week	Cervical manipulation and mobilization applications
8. Week	Midterm exam
9. Week	Lumbal manipulation and mobilization applications
10. Week	Clinical models and treatment principles in cervical and lumbar disc lesions
11. Week	Functional anatomy, pathomechanics and basic evaluation principles of peripheral joints
12. Week	Mobilization and manipulation applications of upper extremity
13. Week	Mobilization and manipulation applications of lower extremity
14. Week	An overview
15. Week	An overview

ECTS (Student Work Load Table)

Activities	Number	Duration	Total Work Load
Course Duration (X14)	14	2	28
Laboratory			
Practice	14	3	42
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)			
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	7	7
Final Exam Preparation Time	1	8	8
Total Work Load (hour) / 25(s)	85 / 25		
ECTS	3		

Evaluation System

Mid-Term Studies	**Number**	**Contribution**
Midterm exams	1	%40
Quiz		
Laboratory		
Practice	1	%60
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
Total Time To Activities For Midterm		100
Final works		
Final	1	%40
Homework		
Practice	1	%60
Laboratory		
Total Time To Activities For Midterm		100
Contribution Of Midterm Studies On Grades		%40
Contribution Of Final Exam On Grades		%60
Total		100

The relationship between learning outcomes and the program qualifications of the courses

Program Qualifications	**Learning outcomes**		
	L.O.1	**L.O. 2**	**L.O.3**
1-Acquire proficient infrastructure related to the field of Physiotherapy and Rehabilitation, gain the ability to use theoretical and practical knowledge and skills in this field.	**5**	**5**	**5**
2-Identify, define the factors affecting health and gain problem-solving skill by using the information they have; plan and implement a treatment and exercise program with appropriate evidence-based methods and new techniques.	**5**	**5**	**5**
3-Gain the ability to use information technologies effectively, as well as the ability to select and use modern tools, techniques and agents necessary for physiotherapy and rehabilitation applications.	**5**	**5**	**5**
4-Design individual and multidisciplinary research, keep records, prepare reports, analyze and interpret results for quality service and research in health sciences.			
5-They conduct a literature search to access the information by using evidence-based databases and information sources.			
6-Gain autonomy in interdisciplinary and individual studies, ability to work effectively and take responsibility and awareness of the universal and social effects of their professional practice.			
7-Adopt life-long learning; contribute to quality improvement, field-related training and introductory programs and exhibit their professional behavior at national and international level.			
8-Have deontological and ethical awareness in professional researches and applications.			

Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent