MANIPULATIVE THERAPY TECHNIQUES II

Course Name	**Code**	**Term**	**Theory (hours/week)**	**Application (hours/week)**	**Laboratory (hours/week)**	**ECTS**
Manipulative Therapy Techniques II	FTR 208	**2.year/ 2.term spring**	2	3	-	3
Prequisites	-					
Course language	Turkish					
Course type	Compulsory					
Learning and teaching strategies	Lecture,Demonstration,Drill and 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 3. Describes clinical characteristics of the joint and soft tissue problems, percieves and applies of basic evaluation techniques 4. Observes and repeats the application of mobilization, manipulation and transverse friction techniques 5. Make decisions about the technique of manuel therapy in the treatment of joint, soft tissue and muscle injuries					
References	1- Masaj Teknikleri, Yüksel, Alp Yayınevi, Ankara, 2007					

Course outline weekly:

Weeks	Topics
1. Week	Functional anatomy, biomechanics and pathomechanics of joints and soft tissues and principals of basic evaluation
2. Week	Mode of action and principals of application of transvers friction technique
3. Week	Application of transvers friction massage for the treatment of tendon, ligament and muscle injuries of upper extremity
4. Week	Application of transvers friction massage for the treatment of tendon, ligament and muscle injuries of lower extremity
5. Week	Transvers friction technique -Decision making and treatment applications
6. Week	Transvers friction technique -Decision making and treatment applications
7. Week	Review of regional functional anatomy applied to manual medicine
8. Week	Cervical disk lesions and manipulation procedure
9. Week	Lumbar disk lesions and manipulation procedure
10. Week	Clinical models and treatment principals of cervical and lumbar disk lesions
11. Week	Functional anatomy and pathomechanics of peripherial joints and principals of basic evaluation procedures.
12. Week	Mobilization and manipulation applications of the upper extremitiy
13. Week	Mobilization and manipulation applications of the lower extremitiy
14. Week	Overwiev
15. Week	General evaluation

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.)	14	1	14
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	8	8
Final Exam Preparation Time	1	8	8
Total Work Load (hour) / 25(s)	100 / 25		
ECTS	4		

Evaluation System

Mid-Term Studies	**Number**	**Contribution**
Midterm exams	1	%50
Quiz		
Laboratory		
Practice	1	%50
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	%50
Homework		
Practice	1	%50
Laboratory		
Total Time To Activities For Midterm		100
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
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	L.O.4	L.O.5
1. Sufficient background in basic- clinical medical sciences and physical therapy and rehabilitation discipline; ability to use theoretical and practical skills and knowledge in these fields with analytical thinking	5	5			
2. Ability to determine, define, formulate and solve the factors that affect health; ability to choose and apply evidence based techniques and new methods for this aim.		5	5	5	5
3. Ability to choose and use modern equipments, techniques and modalities for physiotherapy and rehabilitation practices; effectively use the informatique technologies.				5	5
4. Ability to design multidisciplinary research, keep records, collect appropriate data, analysis and interpret results.					
5. Ability to attain new knowledge, make literature reviews, use medical databases and sources of information devoted to medical- health sciences					
6. To work autonomously and effectively in health team and self confidence to take responsibility					
7. To internalize characteristically development, literate and lifelong learning; quality development,to contribute education and promotion programs in field,to internationalize their professional behavior.					

8. To have professional deontology and ethical awareness					

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