

MANIPULATIVE THERAPY I

1	Course Title:	MANIPULATIVE THERAPY I
2	Course Code:	FTR2007
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	FTR1001 ANATOMY I
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Uzman MAHMUT ÇALIK
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	Uzm. Fizyoterapist Mahmut ÇALIK mahmutcalik@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To give the student the basic theoretical and practical knowledge of massage techniques, to provide the learning of the basic concepts of evaluation and application of different situations that the massage can be used to improve ability to apply and to develop problem-solving skills in these issues in the field of physiotherapy and rehabilitation.
19	Contribution of the Course to Professional Development:	Students will gain theoretical and practical skills about classical and connective tissue massage techniques that they will use frequently in the profession.
20	Learning Outcomes:	
	1	Defines massage therapy.
	2	Learns about basic information of reflex, mechanical, physiological and clinical effects of massage methods and techniques.
	3	Learns to make the necessary evaluation and plan as a treatment option in cases indicated in massage.
	4	Learns to pathologies that may be contraindicated to massage.
	5	Applies the methods and techniques being taught.
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21	Course Content:	
		Course Content:

Week	Theoretical	Practice
1	Functional anatomy, biomechanics and pathomechanics of joints and soft tissues and principals of basic evaluation	Functional anatomy, biomechanics and pathomechanics of joints and soft tissues and principals of basic evaluation
2	Mode of action and principals of application of transvers friction technique	Mode of action and principals of application of transvers friction technique
3	Application of transvers friction massage for the treatment of tendon, ligament and muscle injuries of upper extremity	Application of transvers friction massage for the treatment of tendon, ligament and muscle injuries of upper extremity
4	Application of transvers friction massage for the treatment of tendon, ligament and muscle injuries of lower extremity	Application of transvers friction massage for the treatment of tendon, ligament and muscle injuries of lower extremity
5	Transvers friction technique -Decision making and treatment applications	Transvers friction technique -Decision making and treatment applications
6	Review of regional functional anatomy applied to manual medicine	Review of regional functional anatomy applied to manual medicine
7	Repetition of practical applications	Repetition of practical applications
8	Cervical disk lesions and manipulation procedure	Cervical disk lesions and manipulation procedure
9	Lumbar disk lesions and manipulation procedure	Lumbar disk lesions and manipulation procedure
10	Clinical models and treatment principals of cervical and lumbar disk lesions	
11		
12		
13	Repetition of practical applications	Repetition of practical applications
14		
22	Textbooks, References and/or Other Materials:	1- Massage Techniques, Yuksel, Alp Publishing House, Ankara, 2007 2- Tappan F. "Healing Massage Techniques :Holistic, Classic, and Emerging Methods" Appleton&Lange, Connecticut, 1988. 3- Andrade CR, Clifford P."Outcome-Bsad Massage", Lippincott Williams&Wilkins, Philadelphia, 2001. 4- Fritz S. "Mosby's Fundamentals of Therapeutic Massage", Mosby Lifeline, St Louis, 1995.
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
Midterm Exam		1
Quiz		0
Home work-project		0
Final Exam		1
Total		2
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Multiple choice tests, matching items, true-false tests, open-ended questions
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	2.00	28.00
Homeworks	2	10.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			93.00
Total work load/ 30 hr			3.07
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				