

COURSE INFORMATION					
Course Title	Code	Semester	COURSE INFORMATION		
			Lecture+Practice+Labrotory Hour	Credits	ECTS
Physical Medicine and Rehabilitation (Clinical Clerkship)	MED 511	Phase 5 / 9-10	19+25	3	3*

* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

Prerequisites	The student that joins this course, should completed Phase 1, 2, 3 and 4 courses of medical faculty.
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Language of Instruction	English
Course Level	Second-cycle higher education (i.e. QF-EHEA-2, EQF-LLL-7, TYYÇ-7) with Master's Degree/ "Regulated Professions" legislation by EU 2005/36/EC Directive
Course Type	Compulsory
Course Coordinator	Kübra Neslihan KURT OKTAY, MD. Assist. Prof.
Instructors	<p><u>Yeditepe University Hospital:</u> Kübra Neslihan KURT OKTAY, MD. Assist. Prof.</p> <p><u>Fatih Sultan Mehmet Training and Research Hospital:</u> İlknur Aktaş, MD Prof Feyza AKAN BEGOĞLU, MD.</p>
Assistants	-
Goals	<ul style="list-style-type: none"> • To convey necessary knowledge on pathology, symptomatology, clinical findings and treatment of musculoskeletal system diseases, • To equip students with basic knowledge, skills and attitudes on musculoskelatal rehabilitation, neurologic and rheumatological rehabilitation. • To equip students with general approach to patients with physical disabilities.
Content	<p>For further details please see Academic Program Book of Phase V at http://med.yeditepe.edu.tr/sites/default/files/phase_5_0.pdf</p>

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00 - 09.50	Introductory Session (Introduction to PMR) (FSM) <i>F. Akan Begoglu</i>	Lecture Rehabilitation of Neurologic Diseases (FSM) <i>F. Akan Begoglu</i>	Lecture Inflammatory Joint Diseases (FSM) <i>F. Akan Begoglu</i>	Lecture Therapeutic Exercises (FSM) <i>S.A. Aykan</i>	Ward Round Inpatient (FSM) <i>F. Akan Begoglu</i>
10.00 - 10.50	Lecture Musculoskeletal (Locomotor) System Symptoms and Signs, (FSM) <i>F. Akan Begoglu</i>	Lecture Rehabilitation of Neurologic Diseases (FSM) <i>F. Akan Begoglu</i>	Lecture Spondyloarthropathies (FSM) <i>F. Akan Begoglu</i>	Lecture Pain Pathophysiology, Classification and Treatment (YU) <i>S. A. Aykan</i>	Ward Round Inpatient (FSM) <i>F. Akan Begoglu</i>
11.00 - 11.50	Lecture Musculoskeletal (Locomotor) System Examination (FSM) <i>F. Akan Begoglu</i>	Lecture Rehabilitation of Disease of Spine and Spinal Cord (FSM) <i>F. Akan Begoglu</i>	Lecture Spondyloarthropathies (FSM) <i>F. Akan Begoglu</i>	Lecture Drug Use in Musculoskeletal System Disorders (YU) <i>S.A.Aykan</i>	Ward Round PTU (FSM) <i>F. Akan Begoglu</i>
12.00 - 14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00 - 14.50	Lecture Diagnosis and Treatment of Cervical and Upper Extremity Pain (YU) <i>K.N.Kurt Oktay</i>	Lecture Radiologic Evaluation of Musculoskeletal Disorders (YU) <i>S.A Aykan</i>	Lecture Degenerative Arthritis (YU) <i>K.N. Kurt Oktay</i>	Lecture Peripheral Nerve Diseases (YU) <i>K.N. Kurt Oktay</i>	Clinical Experience (Outpatient) (YU) <i>S.A.Aykan</i>

15.00 - 15.50	Lecture Differential Diagnosis and Treatment of Lowback and Lower Extremity Pain (YU) <i>K.N. Kurt Oktay</i>	Lecture Physical Agents, Orthotic and Prosthetic Use in Rehabilitation (YU) <i>S.A Aykan</i>	Lecture Osteoporosis and Metabolic Diseases (YU) <i>K.N. Kurt Oktay</i>	Lecture Peripheral Nerve Diseases (YU) <i>K.N. Kurt Oktay</i>	Clinical Experience (Outpatient) (YU) <i>S.A.Aykan</i>
16.00 - 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00 - 09.50	Practical Education Neurological Examination of Patients With Spinal cord Injury (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM) <i>F. Akan Begoglu</i>	Assessment Session (YU)
10.00 - 10.50	Practical Education Neurological Examination of Patients With Hemiplegia (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM) <i>F. Akan Begoglu</i>	

11.00 - 11.50	Practical Education Gait abnormalities and orthosis (Hemiplegia, Cerebral Palsy etc..) (FSM) <i>F. Akan Begoglu</i>	Clinical Experience (Outpatient) (FSM) <i>F. Akan Begoglu</i>	Clinical Experience (Outpatient) (FSM) <i>F. Akan Begoglu</i>	Clinical Experience (Outpatient) (FSM) <i>F. Akan Begoglu</i>	
12.00 - 14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00 - 14.50	Clinical Experience (Outpatient) (FSM) <i>F. Akan Begoglu</i>	Practical Education Physical Examination of Upper and Lower Extremity (YU) <i>K.N.Kurt Oktay</i>	Practical Education Therapeutic Exercises (YU) <i>S.A. Aykan</i>	Clinical Experience (Outpatient) (YU) <i>K.N. Kurt Oktay</i>	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program (YU)
15.00 - 15.50	Clinical Experience (Outpatient) (FSM) <i>F. Akan Begoglu</i>	Clinical Experience (Outpatient) (YU) <i>K.N. Kurt Oktay</i>	Clinical Experience (Outpatient) (YU) <i>S.A Aykan</i>	Clinical Experience (Outpatient) (YU) <i>K.N. Kurt Oktay</i>	
16.00 - 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

YU: Yeditepe University, Koşuyolu and Kozyatağı Hospital

FSM: Fatih Sultan Mehmet Training And Research Hospital

PTU: Physical Therapy Unit

COURSE CONTENT (Theoretical)		
WEEK 1	SUBJECT	Study Materials
1	Introductory Session (Introduction to Physical Medicine and Rehabilitation)	Materials for the course provided by instructor
1	Lecture Musculoskeletal (Locomotor) System Symptoms and Signs	Materials for the course provided by instructor
1	Lecture Musculoskeletal (Locomotor) System Examination	Materials for the course provided by instructor
1	Lecture Diagnosis and Treatment of Cervical and Upper Extremity Pain	Materials for the course provided by instructor
1	Lecture Differential Diagnosis and Treatment of Low back and Lower Extremity Pain	Materials for the course provided by instructor
1	Lecture Rehabilitation of Neurologic Disease	Materials for the course provided by instructor
1	Lecture Rehabilitation of Diseases of Spine and Spinal Cord	Materials for the course provided by instructor
1	Lecture Radiologic Evaluation of Musculoskeletal Disorders	Materials for the course provided by instructor
1	Lecture Physical Agents, Orthotic and Prosthetic Use in Rehabilitation	Materials for the course provided by instructor
1	Lecture Inflammatory Joint Diseases	Materials for the course provided by instructor
1	Lecture Spondyloarthropathies	Materials for the course provided by instructor
1	Lecture Degenerative Arthritis	Materials for the course provided by instructor
1	Lecture Osteoporosis and Metabolic Diseases	Materials for the course provided by instructor
1	Lecture Therapeutic Exercises	Materials for the course provided by instructor
1	Lecture Peripheral Nerve Diseases	Materials for the course provided by instructor
1	Lecture Pain Pathophysiology, Classification and Treatment	Materials for the course provided by instructor
1	Lecture Drug Use in Musculoskeletal System Disorders	Materials for the course provided by instructor

RECOMMENDED SOURCES	
Textbook	<ul style="list-style-type: none"> • CURRENT Diagnosis & Treatment: Physical Medicine & Rehabilitation, Ian B. Maitin, Ernesto Cruz • Braddom's Physical Medicine and Rehabilitation, David X. Cifu • DeLisa's Physical Medicine and Rehabilitation: Principles and Practice, Walter Frontera
Additional Resources	<ul style="list-style-type: none"> • Lecture notes

MATERIAL SHARING	
Documents	Via google classroom
Assignments	Via google classroom
Exams	Not shared

ASSESSMENT	
Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Oral Exam	50%
Total	50 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessments Methods and Tools	50%
Total	100%

COURSE CATEGORYExpertise/Field Courses
Compulsory

COURSE'S CONTRIBUTION TO PROGRAMME						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1.	Basic Professional Competencies					
1.1.	Clinical Competencies					x
1.2.	Competencies Related to Communication				x	
1.3.	Competencies Related to Leadership and Management			x		
1.4.	Competencies Related to Health Advocacy				X	
1.5.	Competencies Related to Research			x		
1.6.	Competencies Related to Health Education and Counseling				x	
2.	Professional Values and Perspectives					
2.1.	Competencies Related to Law and Legal Regulations			x		
2.2.	Competencies Related to Ethical Aspects of Medicine				x	
2.3.	Competencies Related to Social and Behavioral Sciences					x
2.4.	Competencies Related to Social Awareness and Participation					x
2.5.	Competencies Related to Professional Attitudes and Behaviors					x
3.	Personal Development and Values					
3.1	Competencies Related to Lifelong Learning					x
3.2.	Competencies Related to Career Management				x	
3.3.	Competencies Related to Protection and Development of Own Physical and Mental Health				x	

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity or day	Duration (Hour)	Total Workload (Hour)
Course Duration (2 weeks)	10	4.5	45
Hours for off-the-classroom study (Pre-study, practice, review/week)	10	4	40
Homework	-	-	-
Exam	1	1	1
Total Work Load			86
Total Work Load / 30 (h)			2.87
ECTS Credit of the Course			3