

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
SLEEP DISORDERS and POLYSOMNOGRAPHY	EFZ2116450	Fall Semester	2+0	2	3
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Assoc.Prof. Özge ARICI DÜZ				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Özge ARICI DÜZ				
<b>Assistant(s)</b>					
<b>Aim</b>	To train qualified people have the capacity of to analyse polysomnography , to apply PAP titration and, to comment of records with used special record equipments via purpose of diagnosis and treatment of sleep disorders at the discretion of the doctor.				
<b>Course Content</b>	This course contains; 1. Polysomnography and where to use them.,2. Sleep disorders.,3. Sleep-related breathing disorders.,4. To prepare for the patient's records before PSG.,5. Basic protocols in PSG.,6. Electrodes and sensors in PSG application.,7. The makes and accessories in PSG application. EXAM,8. The phases of and sleep.,9. The score of the sleep phases.,10. Respiratory and oxygen saturation monitoring during PSG.,11. The problems encountered during PSG and the methods of coping with them.,12. Monitoring of periodic leg movements during sleep.,13. The other conditions used PSG.,14. PSG in children. EXAM.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Describe the polysomnography (PSG), the phases of sleep and sleep disorders.			16, 19, 9	A	
2. Make PSG application on the patient.			6, 8, 9	A	
3. Follow-up the patient during PSG.			6, 8, 9	A	
4. To define the problems encountered during PSG and the methods of coping with them.			16, 6, 9	A	
<b>Teaching Methods</b>	16: Question - Answer Technique, 19: Brainstorming Technique, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	1. Polysomnography and where to use them.				
2	2. Sleep disorders.				
3	3. Sleep-related breathing disorders.				
4	4. To prepare for the patient's records before PSG.				
5	5. Basic protocols in PSG.				
6	6. Electrodes and sensors in PSG application.				
7	7. The makes and accessories in PSG application. EXAM				
8	8. The phases of and sleep.				
9	9. The score of the sleep phases.				
10	10. Respiratory and oxygen saturation monitoring during PSG.				
11	11. The problems encountered during PSG and the methods of coping with them.				
12	12. Monitoring of periodic leg movements during sleep.				
13	13. The other conditions used PSG.				
14	14. PSG in children. EXAM				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

**Resources**

Instructor's lecture notes