

Vocational School / Electroneurophysiology
2024 - 2025 Academic Year
SLEEP DISORDERS and POLYSOMNOGRAPHY
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
SLEEP DISORDERS and POLYSOMNOGRAPHY	EFZ2116450	Fall Semester	2+0	2	3
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Assoc.Prof. Özge ARICI DÜZ				
Name of Lecturer(s)	Assoc.Prof. Nesrin HELVACI YILMAZ				
Assistant(s)					
Aim	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.				
Course Content	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.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
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	
Teaching Methods	16: Question - Answer Technique, 19: Brainstorming Technique, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
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				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Instructor's lecture notes