

International School of Medicine / Medicine (English)

2023 - 2024 Academic Year

PULMONARY SURGERY (Elective)

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
PULMONARY SURGERY (Elective)	ISM6014847	Yearly	0+40	0	2
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Prof.Dr. Mehmet Zeki GÜNLÜOĞLU				
Name of Lecturer(s)	Prof.Dr. Mehmet Zeki GÜNLÜOĞLU				
Assistant(s)					
Aim	To be able to define the diseases mentioned in Thoracic Surgery, to understand the etiology and risk factors, to learn what kind of tests are performed to recognize the disease, to make differential diagnosis and treatment. Also to manage emergencies that arise related to the disease.				
Course Content	This course contains; Intertitial Lung Diseases,Pneumothorax Diagnosis, Symptoms and Treatment,Thoracic Surgery,Pleural effusion, discrimination of transudate and exudate, Thorosynthesis, Pleurodesis Indications and Methods,Approach to Chest Trauma and Emergency Intervention,Chest Emergencies,Chest Wall Tumors,Malignant Pleural Effusions,Mediastinal Tumors and Cysts,Malignant Pleural Mesothelioma.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Aim is to understand the etiology and risk factors, to learn what kind of tests are done to recognize the disease, to be able to make differential diagnosis and treatment .. to manage emergencies related to the disease.			16, 6, 9	A, D	
Defines pathologies needing surgical intervention and diagnostic methods in esophageal and diaphragmatic diseases.					
Defines congenital chest wall deformities and evaluates treatment options.					
Explains the treatment approaches and indications of emergency intervention in thoracic trauma.					
Summarizes diagnostic criteria and treatment options in pleural effusion.					
Recognizes the symptoms, makes the diagnosis and treats pneumothorax,					
Explains the symptoms and physical examination findings in pathological situations of the lungs resulting from occupational exposures.					
Summarizes symptoms and physical examination findings in pulmonary hypertension.					
Makes the diagnosis of Asthma, ARDS and COPD, plans first intervention in case of acute attack.					
Describes the symptoms of bronchiectasis and plans treatment.					
Describes the risk factors, symptoms and findings of pulmonary embolism and performs emergency intervention.					
Defines the symptoms and physical examination findings of sleep related respiratory disorders.					
Describes symptoms and physical examination findings of chest wall abnormalities, diaphragmatic and mediastinal diseases.					
Explains the symptoms and physical examination findings of interstitial lung diseases.					
Evaluates the respiratory failure patient and summarizes the indications of CPAP, BPAP.					
Takes blood gas samples and comments on the results.					
Explains the signs, symptoms and treatment of lung tuberculosis.					
Knows the causes of pleural effusions and differentiates exudates from transudates.					
Summarizes the signs and symptoms of lung malignancies.					
Classifies pneumonias and plans treatment.					
In the case of chest disease patients; takes history, performs physical examination, orders tests, interprets symptoms, pulmonary function tests and radiological findings.					
Teaching Methods	16: Question - Answer Technique, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, D: Oral Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Intertitial Lung Diseases	none			
2	Pneumothorax Diagnosis, Symptoms and Treatment	none			
3	Thoracic Surgery	none			
4	Pleural effusion, discrimination of transudate and exudate, Thorosynthesis, Pleurodesis Indications and Methods	none			
5	Approach to Chest Trauma and Emergency Intervention	none			
6	Chest Emergencies	none			
7	Chest Wall Tumors	none			
8	Malignant Pleural Effusions	none			
9	Mediastinal Tumors and Cysts	none			
10	Malignant Pleural Mesothelioma	none			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
the course notes of Lecturer