

## COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

**Faculty:** Medicine/ **Program:** English Program

**Academic Year:** 2024-2025

**Phase:** 4/ **Course:** Chest Diseases

**Course Code:** MED 4020 / **ECTS:** 4 / **Theoric+Practice Lesson+Laboratory Lesson**

**Course Type :** Compulsory/ **Course Length :** 2 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

### Theoretical:

1. Air pollution (1 Hours)
2. Apnea: Sleep breathing disorders (1 Hours)
3. Arterial blood gases (1 Hours)
4. Chest Pain: Other pulmonary vascular diseases (1 Hours)
5. Chest pain: Pleural diseases (2 Hours)
6. Chest Pain: Pulmonary thromboembolism (1 Hours)
7. Cough- Sputum: Hydatid cyst (1 Hours)
8. Cough- Sputum: Pneumonias (1 Hours)
9. Cough- Sputum: Viral pneumonias (1 Hours)
10. Cough-Sputum: Bronchiectasis (1 Hours)
11. Cough-Sputum: COPD (1 Hours)
12. Cough-sputum: Pulmonary tuberculosis (1 Hours)
13. Extrapulmonary tuberculosis (1 Hours)
14. Hemoptysis: Lung cancer (2 Hours)
15. Introduction to chest diseases (1 Hours)
16. Lung X-ray (1 Hours)
17. Lung X-ray evaluation (1 Hours)
18. Occupational and environmental lung diseases (2 Hours)
19. Other Diagnostic Methods (1 Hours)
20. Physical examination of the respiratory system (2 Hours)
21. Pulmonary function tests (1 Hours)
22. Respiratory emergencies (2 Hours)
23. Seminar / Article studies (Asthma, chronic obstructive pulmonary disease) (1 Hours)
24. Seminar / Article studies (Lung edema, pulmonary embolism, respiratory failure) (1 Hours)
25. Seminar / Article studies (Pulmonary tuberculosis) (1 Hours)
26. Seminar/ Article studies (Pneumonias) (1 Hours)
27. Shortness of breath (Dyspnea) : COPD (1 Hours)
28. Shortness of breath: Asthma (2 Hours)
29. Shortness of breath: Interstitial lung diseases (1 Hours)
30. Shortness of breath: Respiratory failure (2 Hours)
31. Shortness of breath: Sarcoidosis (1 Hours)
32. Smoking and our health (1 Hours)
33. Symptoms and anamnesis in chest diseases (2 Hours)

### Practical:

1. Arterial blood gas collection (1 Hours)
2. Bronchoscopy (2 Hours)
3. Chest radiography evaluation (1 Hours)
4. Free working time (Individual research for case analysis) (5 Hours)
5. Free working time zamanı (Library) (4 Hours)
6. Individual patient presentation studies (1 Hours)
7. Inpatient bedside practice applications (Evaluation of general condition and vital signs) (1 Hours)

8. Inpatient bedside practice applications (General and problem-oriented history taking) (3 Hours)
9. Inpatient bedside practice applications (Oxygen and nebul-inhaler therapy applications) (1 Hours)
10. Inpatient bedside practice applications (Peak-flowmeter usage and evaluation applications) (2 Hours)
11. Inpatient bedside practice applications (Physical examination of the respiratory system) (4 Hours)
12. Inpatient bedside practice applications (Pulse oximeter usage applications) (1 Hours)
13. Inpatient bedside practice applications (Pulse oximetry application and evaluation) (1 Hours)
14. Inpatient bedside practice applications (Task 1: Patient presenting with shortness of breath) (1 Hours)
15. Inpatient bedside practice applications (Task 2: The patient presenting with cough-sputum) (1 Hours)
16. Inpatient bedside practice applications (Task 3: Patient presenting with hemoptysis) (1 Hours)
17. Inpatient bedside practice applications (Task 4: Patient presenting with chest pain) (1 Hours)
18. Inpatient bedside practice applications (Task 5: Patient presenting with shortness of breath and cough) (1 Hours)
19. Inpatient bedside practice applications (Task 6: Patient presenting with chest pain and shortness of breath) (2 Hours)
20. Lung radiography evaluation (2 Hours)
21. Outpatient bedside practice applications (Apply PPD test) (1 Hours)
22. Outpatient bedside practice applications (Consulting practices on disability report) (1 Hours)
23. Outpatient bedside practice applications (Lung radiography evaluation) (1 Hours)
24. Outpatient bedside practice applications (Patient file preparation) (1 Hours)
25. Outpatient bedside practice applications (Rational drug use principles applications) (1 Hours)
26. Outpatient bedside practice applications (Rational laboratory and imaging review prompt applications) (1 Hours)
27. Outpatient bedside practice applications (Reporting and reporting of legally notifiable diseases) (1 Hours)
28. Patient evaluation in the outpatient clinic (First aid applications for removing foreign body in the airway) (1 Hours)
29. Pleural puncture (1 Hours)
30. Prescribing (3 Hours)
31. Professional Skill Lab (4 Hours)
32. Pulmonary function test evaluation (3 Hours)
33. Taking medical history (anamnesis) (1 Hours)
34. Yatan hasta başı pratik uygulamalar (Editing death certificate, preparing epicrisis)(1 Hours)

**Others:**

1. Clerckship and clerckship exam evaluation meeting (1 Hours)
2. End-of-clerckship evaluation exam (Oral practice exam) (3 Hours)
3. End-of-clerckship evaluation exam (Theoretical) (2 Hours)
4. Interview with the Mentor (2 Hours)
5. Theoretical exam evaluation meeting(1 Hours)