



**MUĞLA SITKI KOÇMAN UNIVERSITY FACULTY of MEDICINE
PHASE 6
ENGLISH MEDICINE PROGRAM**

**COURSE of CHEST DISEASES
COURSE GUIDEBOOK**

PREFACE

Dear Students,

Welcome to the Chest Diseases course which is an important part of your education.

This guide describes what you will learn and perform during your course, the rules you must follow in our clinic, and the working conditions. We wish you all success with the belief that this guide will guide you sufficiently through your course studies.

Department of Chest Diseases

GENERAL INFORMATION on COURSE

Course Title	: Chest Diseases
Main Department of Course	: Medical Sciences
Department Responsible for Course	: Pulmonary Medicine
Course Code	: MED-6506
Course Topic Code	: MED
Course Type	: Elective
Duration of the Course	: 1 month
Teaching Method of the Course	: Formal
ECTS	: 5
Language	: English

TEACHING METHODS-TECHNIQUES

a. Applied training methods

- ✓ Inpatient bedside (service) trainings / Inpatient bedside (service) practical applications
- ✓ Participation in outpatient services / Practical applications at the outpatient clinic
- ✓ Bedside Training / Practical Practices at the Bedside
- ✓ Instructor visits (Story taking, file preparation and presentation, interactive discussion, monitoring)
- ✓ Medical record keeping and evaluation practices
- ✓ Participation in Branch Informatics Applications

b. Interactive learning activities:

- ✓ Meetings, panels, group discussions,
- ✓ Case-based discussion sessions, problem-based training sessions with small groups, critical situation discussions, councils, gamification, structured case discussions,
- ✓ Readings and interpretations of works/articles

c. Vocational Skills applications

- ✓ The minimum number of practices/studies required for reinforcing the proficiency gained in the previous education periods in the defined vocational skills is determined and it is ensured that each intern does it.

d. Teamwork

e. Independent learning

- ✓ Independent working hours

f. Other Educational Events

- ✓ Clinical Case Reports
- ✓ Article Presentations
- ✓ Seminar/Lesson Presentations
- ✓ Literature Presentations
- ✓ Research and Presentation

PHYSICAL SPACES

Teaching Activity	Physical Space	Explanation
Theoretical lessons	Classroom	Faculty building
Inpatient bedside practice	Inpatient service	Hospital
Policlinic	Outpatient services	Hospital
Case analysis	Inpatient and outpatient services	Hospital
Problem-based teaching	Inpatient and outpatient services	Hospital
Special audit applications	Bronchoscopy unit, spirometry unit	Hospital

RELATED LEGISLATION

<http://www.tip.mu.edu.tr/tr/ilgili-mevzuat-6641>

AIM(S) of the COURSE

1	In this course, It is aimed that students have the knowledge and skills to comprehend the basics of the approach to chest diseases that are common and may come across during the practice, to recognize these patients and to perform their primary care or emergency treatment, and to distinguish patients who need to be referred to a higher level or a different branch.
2	In this course, it is aimed that the students have knowledge about preventive medicine practices related to chest diseases and have the skills to perform these practices in primary care conditions.

OBJECTIVE(S) of the COURSE

1	To be able to take a detailed medical history and performing a physical examination.
2	To be able to identify preliminary diagnoses from medical history and physical examination.
3	To be able to reach a preliminary diagnosis or diagnosis by evaluating the patient's laboratory, chest X-ray, pulmonary function test results, and microbiological results, if any.
4	To be able to prepare a patient file and to be able to explain the treatments to be applied to the patient.
5	To be able to gain patient follow-up knowledge and skills.
6	To be able to write discharge report.
7	To be able to take arterial blood gas and to be able to interpret it, to be able to perform thoracentesis.
8	To be able to recognize the critical patient and to be able to explain the necessary interventions.
9	To be able to have skills in the physician-patient relationship, ethical approach to the patient, communication with the patient's relatives.
10	To be able to recognize common lung diseases in outpatient clinic conditions and to be able to treat patients in primary care.

INTENDED LEARNING OUTCOME(S)

1	Can take a detailed medical history and performing a physical examination.
2	Can identify preliminary diagnoses as from medical history and physical examination.
3	Can reach a preliminary diagnosis or diagnosis by evaluating the patient's laboratory, chest X-ray, pulmonary function test results, and microbiological results, if any.
4	Can prepare a patient file and can explain the treatments to be applied to the patient.
5	Can gain patient follow-up knowledge and skills.
6	Can write discharge report.
7	Can take arterial blood gas and can interpret it, can perform thoracentesis.
8	Can recognize the critical patient and can explain the necessary interventions.
9	Can have skills in the physician-patient relationship, ethical approach to the patient, communication with the patient's relatives.
10	Can recognize common lung diseases in outpatient clinic conditions and can treat patients in primary care.

DUTIES and RESPONSIBILITIES OF STUDENTS and OTHER ISSUES

Please read: MSKU Medical Faculty Pre-Graduation Education Rules, Students' Responsibilities and Duties (MSKÜ Tıp Fakültesi Mezuniyet Öncesi Eğitiminde Öğrencilerin Uyması Gereken Kurallar, Öğrencilerin Sorumlulukları ve Görevleri)

Web Site: <https://tip.mu.edu.tr/tr/ilgili-mevzuat-6641>

KEY RESOURCE(S)	Matched Course Outcome(s)
Temel Akciğer Sağlığı ve Hastalıkları Ders Kitabı- Toraks Kitapları-Orhan Arseven	
Solunum Sistemi ve Hastalıkları Temel Başvuru Kitabı- Tefvik Özlü, Muzaffer Metintaş	
Uptodate	
Fishman's Pulmonary Diseases and Disorders	

[illegible]

ASSESSMENT and EVALUATION

Phase 6 Student Internship Success Criteria: (All criteria must be met)

1. The student must fulfill the internship continuity criteria.
2. Candidate Physician Qualification Certificate scoring of 60 and above is considered successful.
3. Candidate Physician Logbook scoring of 60 and above is considered successful.

Faculty of Medicine
English Medicine Program
Phase 6
Chest Diseases
Course
Competence Matrix

Course	PO1	P02	PO3	PO4	PO5	P06	P07	P08	P09	PO10	PO11	PO12	PO13
Chest diseases	5	5	4	4	1	1	3	2	2	1	4	4	4

* Completed according to the following program outcomes. (Score from 0 to 5.)

PO: Program Outcomes of Faculty of Medicine

PO Link: <https://muweb.mu.edu.tr/tr/program-yeterlilikleri-6598?site=tip.mu.edu.tr>

CANDIDATE PHYSICIAN QUALIFICATION CERTIFICATE

MUGLA SITKI KOCMAN UNIVERSITY MEDICAL SCHOOL CHEST DISEASES INTERNSHIP CANDIDATE PHYSICIAN QUALIFICATION CERTIFICATE		
Student's name and surname: Number:		Beginning:/...../..... End: .../..../.....
A	Participation in Internship Training Programs (25 points) ✓ Seminar, article, case report etc. ✓ Report-Homework Preparation etc. ✓ Research etc.	
B*	Internship Logbook Score (50 points) * ✓ Fulfilling the applications specified in the internship logbook in the desired number and level etc.	
C	Fulfilling Intern Physician Work Responsibilities: (25 points) ✓ Learning the seizure system, taking over, and transferring patients, obeying the hours ✓ Service Activities ✓ Polyclinic Activities ✓ Fulfillment of assigned tasks ✓ Adaptation and Participation in Teamwork ✓ Communication with patients and their relatives ✓ Compliance with working hours etc.	
CONTINUITY:		Continuous (....) Discontinuous (.....)
RESULT:		Successful (....) Unsuccessful (.....)
EVALUATION SCORE: (With numbers and text) Score: (out of 100)		INTERNSHIP COORDINATOR ACADEMIC STAFF: Date: Signature:
HEAD OF DEPARTMENT Date: Signature:		
Phase 6 Student Internship Success Criteria: (All criteria must be met) 4. The student must fulfill the internship continuity criteria. 5. Candidate Physician Qualification Certificate scoring of 60 and above is considered successful. 6. Candidate Physician Logbook scoring of 60 and above is considered successful.		
* Half of the Candidate Physician Internship Logbook Score must be reflected in the B field.		

CANDIDATE PHYSICIAN INTERNSHIP LOGBOOK

MUGLA SITKI KOCMAN UNIVERSITY MEDICAL SCHOOL CHEST DISEASES CANDIDATE PHYSICIAN INTERNSHIP LOGBOOK			
Student's name and surname:		Number:	
Beginning:/...../.....		End:/...../.....	
		Level	Performed
1.	Patient file preparation	4	
2.	Taking general and problem-oriented history	4	
3.	Respiratory system examination	4	
4.	Evaluation of general condition and vital signs	4	
5.	Requesting rational laboratory and imaging examination	4	
6.	Filling out the request form for laboratory examination	4	
7.	Taking the laboratory sample under appropriate conditions and deliver it to the laboratory	4	
8.	Applying the principles of working with biological material	4	
9.	Obtaining a biological sample from the patient	3	
10.	Taking samples for culture	4	
11.	Opening vascular access	3	
12.	IM, IV, SC, ID injection	4	
13.	Performing pleural puncture	2	
14.	Using and evaluating peak-flow meters	3	
15.	Applying oxygen and nebul-inhaler therapy	4	
16.	PPD testing and evaluation	3	
17.	Applying and evaluating pulse oximetry	4	
18.	Evaluating pulmonary function tests	3	
19.	Reading and evaluate direct radiographs	3	
20.	Interpreting the results of screening and diagnostic examinations	3	
21.	Performing pleural puncture/thoracentesis	2	
22.	Taking precautions to prevent infections in communal living areas	4	
23.	Providing health education to the community	3	
24.	Fighting infectious diseases in the community	3	
25.	Preparing a health report in accordance with current legislation	3	
26.	Periodic examination, control (risk calculation, adolescent counseling, tobacco counseling, cancer screening etc.)	4	
27.	Reporting and reporting of legally notifiable diseases and conditions	4	
28.	Applying the principles of rational drug use	4	
29.	Treatment planning and prescription	4	
30.	Preparing a treatment refusal document	4	
31.	Preparing the drugs to be applied correctly	3	
32.	Administering oral, rectal, vaginal and topical drugs	3	
33.	Preparing epicrisis	4	
34.	Delivering bad news	3	
35.	Providing sufficient and understandable information to the patient and his/her relatives about the disease	4	
36.	Providing accurate and adequate information to the patient and/or patient relatives about possible interventions/treatment options, obtaining consent for treatment	4	

37.	Communicating effectively with the work team, colleagues and trainers	4	
38.	Internship-specific item*		
39.	Internship-specific item*		
40.	Internship-specific item*		
RESULT: Successful (....) Unsuccessful (.....)	EVALUATION SCORE: (With numbers and text) Score: (out of 100)	INTERNSHIP COORDINATOR ACADEMIC STAFF: Date: Signature:	HEAD OF DEPARTMENT Date: Signature:
Phase 6 Student Internship Success Criteria: (All criteria must be met) <ol style="list-style-type: none"> 1. The student must fulfill the internship continuity criteria. 2. Candidate Physician Qualification Certificate scoring of 60 and above is considered successful. 3. Candidate Physician Logbook scoring of 60 and above is considered successful. 			
*The Department can remove the item(s) from the Internship Logbook and/or add the item(s) specific to the internship by specifying the level to the Internship Logbook. It is recommended that the department check that all NCEP-2020 Basic Medicine Practices and levels related to the internship are stated in the Internship Logbook.			

LEARNING LEVEL OF BASIC MEDICAL PRACTICES*	
Level	Explanation
1	Knows how the application is done and explains the results to the patient and / or their relatives
2	Makes the application in accordance with the guide / directive in an emergency
3	Makes the application* in uncomplicated, common, cases/cases
4	Makes the application** including complex situations/phenomenons
*Denotes the minimum level of performance, and therefore learning, that a physician who graduated from the faculty of medicine should exhibit during basic medicine practices. It is determined separately for each skill/application in the minimum level list. The faculties ensure that each student is able to perform the medical practice in question at the minimum level determined during the education period they apply.	
** Makes the preliminary evaluation/evaluation, creates, and implements the necessary plans, and informs the patient and their relatives/society about the process and its results.	
*Source: NCEP 2020	