



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

**COURSE of OPHTHALMOLOGY
COURSE GUIDEBOOK**

PREFACE

Dear Students,

Welcome to the Ophthalmology Course program 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
Ophthalmology**

GENERAL INFORMATION on COURSE

Course Title	: Ophthalmology
Main Department of Course	: Surgical Medical Sciences
Department Responsible for Course	: Ophthalmology
Course Code	: MED-6510
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)
- ✓ Operating room applications
- ✓ 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	Morphology Building	
Inpatient bedside practice	Training and Research Hospital	Ground Floor - Ophthalmology Service
Policlinic	Training and Research Hospital	Ground Floor - Ophthalmology Polyclinic
Case analysis	Morphology Building	
Problem-based teaching	-	
Special audit applications	Training and Research Hospital	
Private field applications	Training and Research 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 to reinforce the knowledge that students have learned about the diagnosis and treatment of ophthalmic diseases that they may encounter after graduation, especially by focusing on practical applications.
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OBJECTIVE(S) of the COURSE

1	To be able to recognize common diseases in ophthalmology and refer to an ophthalmologist when necessary.
2	To be able to take a medical history from ophthalmology patients, recognizing slit-lamp images and making differential diagnosis.
3	To be able to make ophthalmoscopic evaluations of patients.
4	To be able to present patient information during visits.
5	To be able to recognize the causes of red eye.
6	To be able to recognize the causes of ptosis in the eyelid, to be able to make the differential diagnosis.
7	To be able to diagnose keratitis and to be able to make referral under appropriate conditions.
8	To be able to diagnose acute glaucoma or uveitis and refer it under appropriate conditions.
9	To be able to communicate with patients presenting with ocular trauma (physical, chemical), to be able to evaluate and examine them, to be able to apply the principles of first approach by making the differential diagnosis.
10	To be able to recognize surgical problems related to tear duct obstruction.
11	To be able to explain the causes of Cataract- Strabismus-Leukocoria.
12	To be able explain the causes of sudden vision loss.
13	To be able to have knowledge and skills on how to intervene in diseases (dry eye, etc.) that they will encounter frequently in the society, and what to pay attention to in preventive medicine.
14	To be able adapt to operating room working conditions.
15	To be able to explain the importance of obtaining consent from patients before

	surgical interventions.
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INTENDED LEARNING OUTCOME(S)

1	Can recognize common diseases in ophthalmology and refer to an ophthalmologist when necessary.
2	Can take a medical history from ophthalmology patients, recognizing slit-lamp images and making differential diagnosis.
3	Can make ophthalmoscopic evaluations of patients.
4	Can present patient information during visits.
5	Can recognize the causes of red eye.
6	Can recognize the causes of ptosis in the eyelid, can make the differential diagnosis.
7	Can diagnose keratitis and can make referral under appropriate conditions.
8	Can diagnose acute glaucoma or uveitis and refer it under appropriate conditions.
9	Can communicate with patients presenting with ocular trauma (physical, chemical), can evaluate and examine them, can apply the principles of first approach by making the differential diagnosis.
10	Can recognize surgical problems related to tear duct obstruction.
11	Can explain the causes of Cataract- Strabismus-Leukocoria.
12	To be able explain the causes of sudden vision loss.
13	Can have knowledge and skills on how to intervene in diseases (dry eye, etc.) that they will encounter frequently in the society, and what to pay attention to in preventive medicine.
14	Can adapt to operating room working conditions.
15	Can explain the importance of obtaining consent from patients before surgical interventions.

DUTIES and RESPONSIBILITIES OF STUDENTS and OTHR 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>

RECOMMENDED RESOURCE(S)

KEY RESOURCE(S)

KEY RESOURCE(S)	Matched Course Outcome(s)
Kanski's Clinical Ophthalmology, 9th Edition	1,2,3,5,6,7,8,9,10,11,12,13,14,15
Temel Göz Hastalıkları. Akova A, O'dwyer P. 3.Baskı. 2015	1,2,3,5,6,7,8,9,10,11,12,13,14,15

ADDITIONAL RESOURCE(S)

ADDITIONAL RESOURCE(S)	Matched Course Outcome(s)

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
Ophthalmology Course
Competence Matrix

The Name of the Course	Po1	Po2	Po3	Po4	Po5	Po6	Po7	Po8	Po9	Po10	Po11	Po12	Po13
Ophthalmology	5	5	5	5	5	3	5	4	5	5	4	5	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 OPHTALMOLOGY INTERNSHIP CANDIDATE PHYSICIAN QUALIFICATION CERTIFICATE		
Student's name and surname: Number:		Beginning:/...../..... End: .../.... /.....
A	Participation in Internship Training Programs (25 points) <ul style="list-style-type: none"> ✓ Seminar, article, case report etc. ✓ Report-Homework Preparation etc. ✓ Research etc. 	
B*	Internship Logbook Score (50 points) * <ul style="list-style-type: none"> ✓ Fulfilling the applications specified in the internship logbook in the desired number and level etc. 	
C	Fulfilling Intern Physician Work Responsibilities: (25 points) <ul style="list-style-type: none"> ✓ 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) <ol style="list-style-type: none"> 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 OPHTHALMOLOGY 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.	Systematic physical examination	4	
4.	Evaluation of general condition and vital signs	4	
5.	Interpreting the results of screening and diagnostic examinations	3	
6.	Differential Diagnosis		
7.	Reading and evaluating direct radiographs	3	
8.	Requesting rational laboratory and imaging examination	4	
9.	Applying the principles of working with biological material	4	
10.	Obtaining a biological sample from the patient	3	
11.	Taking the laboratory sample under appropriate conditions and delivering it to the laboratory	4	
12.	Providing decontamination, disinfection, sterilization, antisepsis	4	
13.	Hand washing	4	
14.	Opening vascular access	4	
15.	IM, IV, SC, ID Injection	4	
16.	Preparing the drugs to be applied correctly	3	
17.	Administering oral, rectal, vaginal, and topical drugs	3	
18.	Applying the principles of rational drug use	4	
19.	Treatment planning and prescription	4	
20.	Preparing patient discharge report	4	
21.	Properly referring the patient	4	
22.	Providing sufficient and understandable information to the patient and his/her relatives about the disease	4	
23.	Providing accurate and adequate information to the patient and/or patient relatives about possible interventions/treatment options, obtaining consent for treatment	4	
24.	Communicating effectively with the work team, colleagues, and trainers	4	
25.	Internship-specific item*		
26.	Internship-specific item*		
27.	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)

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	