

**KERALA UNIVERSITY OF HEALTH SCIENCES  
THRISSUR – 680 596**



**Name of Medical College**

**Emblem**

**COMPETENCY BASED MEDICAL EDUCATION (CBME)**

**MBBS**

**LOG BOOK**

**Department of Ophthalmology**

(as per GMR 2019)

**Name of the Student:** .....

**Roll No:**

.....

**University Registration No:** .....

## LOGBOOK CERTIFICATE

This is to certify that the candidate Ms/Mr .....

Roll No. .... KUHS Registration no. .... admitted in the  
year .....in ..... has undergone  
8 weeks of training in Ophthalmology and *has satisfactorily completed / has not  
completed* all assignments & requirements mentioned in this logbook for the MBBS  
course in the subject of Ophthalmology during the period  
from.....to..... .

She / He *is / is not* eligible to appear for the summative (University) assessment as on  
the date given below.

**Signature with date**

**HEAD,**

**DEPARTMENT OF OPHTHALMOLOGY**

**BIODATA of the Student**

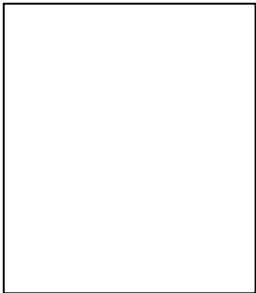
Name of the student :

Date of birth :

Mobile number :

e-mail ID :

Permanent address :



Signature of the student.....

## **GENERAL INSTRUCTIONS**

1. Completion of the activities specified and submission of the certified logbook is a prerequisite for a student to apply for the end of phase summative examination.
2. The logbook is a record of the academic /co-curricular activities of the student, who would be responsible for maintaining his/her logbook. It should be maintained from beginning of phase 2 and completed by Phase 3 part2
3. The student is responsible for getting the entries in the logbook verified by the Faculty in charge regularly.
4. Entries in the logbook will reflect the activities undertaken in the department and have to be scrutinized by the Head of the concerned department.
5. The logbook is a record of various activities by the student like:
  - Overall participation & performance
  - Attendance
  - Participation in sessions
  - Record of completion of pre-determined activities
  - Acquisition of selected competencies
6. The logbook is the record of work done by the candidate in that department /specialty and should be verified by the college before submitting the application of the students for the University examination.
7. Students shall also write reflections on the topics learnt in relevant sections of logbook.

Reflections should be structured using the following guiding questions:

  - a. What happened? (What did you learn from the experience?)
  - b. So what? (What are the applications of the learning?)
  - c. What next? (How would you apply these knowledge and skills?)

## LOG OF FORMATIVE ASSESSMENT

<b>S.No</b>	<b>Phase</b>	<b>Type of Assessment</b>	<b>Date</b>
1	II	Theory	
2		Practical	
3	III (1)	Theory	
4		Practical	
5	III (1)	Theory	
6		Practical	
7			
8			

## INDEX

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3	Seminars, Small Group discussions	
4	Self directed Learning	
5	Integrated sessions	
6	Remedials	
7	Reflections	

## DOAP – PHASE II CLINICAL POSTING

Date	Competency Number	Name of Activity	Attempt of Activity		
			First	Repeat	Remedial
	OP 1.3	Perform visual acuity assessment for distance Using Snellen chart			
	OP 1.3.1	Perform assessment of near vision			
	OP 1.3.2	Perform assessment of colour vision			
	OP1.3.3	Perform Pinhole test			
	OP 1.4	Demonstrate how to perform Blink reflex & Menace reflex			
	OP 1.5	Perform visual field assessment by confrontation			
	OP 2.3	Observe and document NLD syringing			

	OP 3.2	Perform pupillary reaction & Projection of light			
	OP 3.2 1	Demonstrate Conjunctival and Ciliary congestion			
	OP 3.8	Demonstrate or observe Technique of eversion of eyelid and FB removal from tarsal conjunctiva			
	OP 3.9	Observe and document technique of installation of eye drops			

Signature of Faculty



## DOAP – PHASE II CLINICAL POSTING

Date	Competency Number	Name of Activity	Attempt of Activity		
			First	Repeat	Remedial
	OP 6.7	Observe and document Schiotz & Applanation Tonometry			
	OP 6.7.1	Perform assessment of anterior chamber depth by torchlight			
	OP 7.3	Demonstrate iris shadow in a patient with cataract			
	OP 8.3	Observe and document Direct Ophthalmoscopy			
	OP 8.3 .1	Observe and document Indirect ophthalmoscopy			
	OP 8.3.2	Observe and document fundus examination with 90D			
	OP 9.1	Demonstrate correct technique to examine uniocular & binocular movements			
	OP 9.2	Observe and document Hirschberg			

		Light reflex test.			
	OP 9.3.1	Observe and document Retinoscopy.			
	OP 9.5	Observe and document Eye irrigation			
	OP 9.5.1	Observe and document Pad and bandaging of eye.			
Signature of Faculty					

### **DOAP – PHASE III CLINICAL POSTING**

Date	Competency Number	Name of Activity	Attempt of Activity		
			First	Repeat	Remedial
	OP 1.2	Identify spherical and cylindrical lens in trial set and demonstrate how to differentiate convex lens from concave lens.			
	OP 2.1	Demonstrate lid lag			
	OP 2.1.1	Demonstrate lagophthalmos			
	OP 2.2	Demonstrate symptoms & clinical signs of common conditions of lid -Evert lid and differentiate Hordeolum externum from H.internum -Identify lid crease and brow position			
	OP 2.3	Demonstrate Bell's Phenomenon			
	OP 2.3.1	Demonstrate the regurgitation test of lacrimal sac			
	OP 2.3.2	Observe and document massaging technique in congenital dacryocystitis			

Signature of the Faculty

### DOAP – PHASE III CLINICAL POSTING

Date	Competency Number	Name of Activity	Attempt of Activity		
			First	Repeat	Remedial
	OP 2.3.3	Observe and document epilation of eye lashes in trichiasis.			
	OP 3.2	Demonstrate symptoms & clinical signs in 'red eye' -Differentiate conjunctival congestion from circumcorneal congestion -Identify pupillary changes in uveitis and angle closure glaucoma			
	OP 3.2.1	Observe and document difference between conjunctival follicles and papillae			
	OP 4.1	Demonstrate the technique of fluorescein staining of cornea			
	OP 4.3	Perform testing corneal sensation			

	OP 4.4	Observe and document Schirmer's test			
	OP 4.8	Observe and document the technique of removal of superficial foreign body from cornea			
	OP 4.10	Identify patients with corneal blindness and Counsel patients and Family about eye donation			
Signature of the Faculty					

## DOAP – PHASE III CLINICAL POSTING

Date	Competency Number	Name of Activity	Attempt of Activity		
			First	Repeat	Remedial
	OP 6.6	Demonstrate the clinical features and diagnose common clinical conditions affecting the anterior chamber -Identify hypopyon and hyphema  -Differentiate between bacterial and fungal hypopyon			
	OP 6.7	Perform digital tonometry			
	OP 6.7.1	Observe the technique of gonioscopy			
	OP 6.7.2	Observe field charting using HFA			
	OP 6.10	Counsel patient with Glaucoma.			
	OP 7.5	Participate in the team for cataract surgery and document seen cases			

	OP 7.6	Administer informed consent and counsel patients for cataract surgery			
	OP 8.1	Demonstrate RAPD by swinging flashlight test			
	OP 8.3.3	Identify diagnostic lenses used in Oph OPD (90D,20D gonioscope) and document their uses			
	OP 9.2	Observe and document cover and uncover test			
Signature of the Faculty					

## CERTIFICATION OF SKILLS

Date	OP No.	Name of activity	Attempt at activity ( F/R/Re)	Numerical grade out of 5	Initial of faculty
	O.P.1.3	Perform visual acuity assessment for distance using Snellen chart			
	O.P.1.3.1	Perform assessment of near vision			
	O.P.1.3.2	Perform visual field assessment by confrontation			
	O.P.1.3.3	Perform assessment of colour vision			
	O.P.9.1	Demonstrate the correct technique & examination of extra ocular movements (uniocular& binocular)			

Signature of HOD / in charge



## **SEMINARS / SMALL GROUP DISCUSSIONS**

### **Phase II**

Date	Competency Number	Competency	Participated	Presented
	OP 1.1	Visual perception		
	OP 1.2	Refractive Errors Myopia		
	OP 1.2.2	Refractive errors- Hypermetropia Aphakia		
	OP 1.2.3	Astigmatism		
	OP 2.1	Eyelid Anatomy, Physiology		
	OP 2.3	Anatomy & physiology of Lacrimal Apparatus		
	OP 2.4	Anatomy of Orbit and Surgical Spaces of Orbit and SOF		
	OP 4.3	Anatomy of Cornea and Maintenance of Corneal Transparency		
	OP 4.4	Precorneal tear film		
	OP 4.9	Eye Donation & Eye banking		
Signature of the Faculty				

## SEMINARS / SMALL GROUP DISCUSSIONS

### Phase II-Contd

Date	Competency Number	Competency	Participated	Presented
	OP 6.5	Angle of Anterior Chamber Gonioscopy		
	OP 6.5.1	Aqueous production and maintenance of IOP		
	OP 6.7	Tonometry		
	OP 6.8	Pupillary pathways and normal pupillary reflexes		
	OP 7.1	Anatomy and Metabolism of Lens &Accommodation		
	OP 8.1	Anatomy of retina and Photochemistry of vision		
	OP 8.3	Normal fundus		
	OP 8.4	Technique of fundus examination		
	OP 8.5	Visual pathway		
	OP 9.1	Anatomy and Actions of Extra-ocular muscles		
	OP 9.2	Anatomy of III, VI Cranial nerves		
	OP 9.4	Vision 2020 and NPCB		
Signature of the Faculty				

## **SEMINARS / SMALL GROUP DISCUSSIONS**

### **Phase III**

Date	Competency Number	Competency	Participated	Presented
	OP 2.1	Differential diagnosis of lid swellings		
	OP 2.2	Anomalies of Lid margin		
	OP 2.3	Evaluation of epiphora & Dacryocystitis		
	OP 2.4	Preseptal and Orbital cellulitis		
	OP 2.6	Proptosis		
	OP 3.3	Ophthalmia neonatorum		
	OP 3.4	Trachoma & Follicular conjunctivitis		
	OP 3.5	VKC (spring catarrh)		
	OP 3.6	Pterygium		
	OP 4.1	Corneal ulcer – etiology and clinical features		
	OP 4.1.1	Corneal ulcer - complications and management		
	OP 4.4	Dry Eye		

	OP 4.5 4.6	Corneal Blindness and Keratoplasty Pannus		
	OP 4.6.1	Keratoconus		
	OP 5.1	DD of Limbal Nodule		
	OP 6.1	Acute Iridocyclitis		
	OP 6.7	POAG		
Signature of the Faculty				

### **SEMINARS/ SMALL GROUP DISCUSSIONS**

#### **Phase III-Contd**

Date	Competency Number	Competency	Participated	Presented
	OP 6.7.1	PACG		
	OP 6.7.2	LIG and other Secondary Glaucomas		
	OP 6.7.3	DD of Red Eye		
	OP 7.2	Senile cataract CF, stages and Complications		
	OP 7.2.1	Congenital cataract, Complicated cataract, traumatic cataract and cataract associated with systemic diseases.		
	OP 7.3	Work up of a patient for cataract surgery.		
	OP 7.4	Cataract surgery – anaesthesia, types of surgeries and steps of cataract surgery and IOL.		

	OP 7.4.1	Complications of cataract surgery		
	OP 8.2	Diabetic retinopathy		
	OP 8.1 8.2.1	Retinal vascular occlusions, Hypertensive retinopathy and other common retinal diseases		
	OP 8.5	Visual pathway lesions		
	OP 8.5.1	Papilledema, Optic neuritis and Optic atrophy		
	OP 9.2	Strabismus – types and clinical features		
	OP 9.5	Ocular injuries		
	OP 2.1, 4.7	Minor procedures – NLD syringing, I&C and Tarsorrhaphy		
	OP 4.5	Enucleation and evisceration – indications and procedure		
Signature of the Faculty				

## **SELF DIRECTED LEARNING**

### **Phase II**

Date	SDL Number	Topic	Name of Faculty	Signature of Faculty


**SELF-DIRECTED LEARNING**

Phase II

Date	SDL Number	Topic	Name Faculty of	Signature of Faculty














**REFLECTIONS**

**NOTES**