

LIST OF ELECTIVES FROM THE DEPARTMENT OF OPHTHALMOLOGY -2026

Sl no	NAME OF THE ELECTIVE	NO: OF STUDENTS PERMISSIBLE
1.	CORNEAL ULCER-TREATING IT RIGHT	6
2.	CLINICAL PROFILE AND MANAGEMENT OF RETINAL VEIN OCCLUSIONS	6
3.	PAEDIATRIC VISION ASSESSMENT	6
4.	REFRACTIVE ERRORS IN CHILDREN	6

OPH1

Name of the Block	Block 2
Name of Elective	Corneal Ulcer-Treating it right.
Location of the research facility.	OPD and Ward in Department Of Ophthalmology,Thrissur
Internal Perceptor(s)	Dr Deepa M G
External Perceptor (if any)	
Learning Objectives of the elective	<p>1.To learn to elicit a relevant and focused history in a corneal ulcer patient with respect to factors like history of trauma,immunosuppression,contact lens use,long term topical medications etc.</p> <p>2.To understand the systematic ocular examination in a case of corneal ulcer.</p> <p>3.To understand the clinical differentiation -Bacterial Vs Fungal Vs Viral Ulcers.</p> <p>4.To understand relevant investigations like KOH,Gram stain,culture &sensitivity etc in a case of corneal ulcer.</p> <p>5.Participate in the team formulating the empirical and definitive management strategies.</p> <p>6.Counselling the patients on prognosis,follow up and the need for strict compliance to medications.</p> <p>7.Learn to recognise the complications.</p>
Number of students that can be accomodated in this elective	six
Pre requisites for the elective	Basic life support training and should have attended atleast one clinical posting in Ophthalmology.
Learning resources for students	<p>1.Parson's diseases of the eye.</p> <p>2.Clinical ophthalmology n-A systematic approach:Jack J Kanski</p> <p>3.Khurana textbook of Ophthalmology</p>

List of activities in which the student will participate.	1.Instillation of topical medications,pad and bandage etc. 2.To do fluorescein staining and evaluate the case. 3.Observe the procedure of corneal scraping . 4.Participate in counselling the patient. 5.Explain on contact lens hygiene in relevant cases.
Portfolio entries required	1.Complete case report of atleast 2 patients. 2.SDL- read on corneal ulcer etiology and management. 3.Feed back and reflections.
Log book entry required	Satisfactory completion certificate by preceptor.
Assesment	Attendance. Formative-Participation in OP and IP rounds and team activities. Presentation of worked up patients. Documentation of required port folio and log book entries.
Other Comments	

OPH2

Name of Block	Block 2
Name of Elective	Clinical profile & Management of Retinal vein occlusions.
Location of hospital lab or research facility	Retina Clinic, Dept of Ophthalmology
Name of internal preceptor(s)	Dr Geetha Kumari P. V
Name of external preceptor (if any)	
Learning objectives of the elective	<ol style="list-style-type: none"> 1. To study the types of retinal vein occlusions and its clinical profile 2. To enumerate the risk factors of retinal vein occlusion 3. To draw the fundus picture of RVO. 4. To Describe OCT imaging characteristics in patients with retinal vein occlusions 5. Observe the procedure of giving intravitreal injections in Eye OT 6. Enumerate the indications of Laser treatment and its work up in retinal vein occlusions 7. Counselling the patient
Number of students that can be accommodated in this elective	2
Prerequisites for the elective	Basic Life Support training

Learning resources for students	<ol style="list-style-type: none"> 1. Kanski's Clinical Ophthalmology Textbook 2. Parsons diseases of eye 3. Retinal vein occlusion studies
List of activities in which the student will participate	<p>Participate in OP evaluation & counselling</p> <p>Assist in taking OCT imaging of retina</p> <p>Preparing the patient for lasers & Intravitreal injections</p>
Portfolio entries required	<p>At least two patient's records</p> <p>SDL – read up landmark studies in RVO</p> <p>Feedback & Reflections</p>
Log book entry required	Satisfactory completion certification by preceptor
Assessment	<p>Attendance</p> <p>Formative: Participation in OP and team activities</p> <p>Presentation of worked up cases</p> <p>Documentation of required portfolio and log book entries</p>
Other comments	

OPH3

Name of Block	Block 2
Name of Elective	Vision assessment in the pediatric age group- evaluation and management of impaired visual function
Location of hospital lab or research facility	Squint Clinic, Dept of Ophthalmology
Name of internal preceptor(s)	Dr Samyukta Sadasivan K
Name of external preceptor (if any)	
Learning objectives of the elective	<ol style="list-style-type: none"> 1. Enumerate the common causes childhood blindness 2. To understand the importance of vision assessment in the pediatric age group. 3. Specify the milestones in visual development? 4. Observe and perform the age appropriate methods of vision assessment in children. 5. Observe the procedure of cycloplegic refraction in children, specify the clinical relevance. 6. Enumerate the common refractive errors and principles of glass prescription in children.

	<p>7. Enumerate the methods of treating different types of amblyopia</p> <p>8. Counselling of parents and older children regarding the refractive error, need for strict treatment compliance, positive reinforcement.</p>
Number of students that can be accommodated in this elective	Six
Prerequisites for the elective	Basic Life Support training
Learning resources for students	<ol style="list-style-type: none"> 1. Parson's diseases of the eye 2. Strabismus simplified- Dr.Pradeep Sharma 3. Community ophthalmology-WHO/NPCB resources
List of activities in which the student will participate	<p>Participate in the evaluation of refraction & counselling in OP.</p> <p>Assist in cycloplegic refraction- retinoscopy</p>
Portfolio entries required	<p>At least two patients records</p> <p>SDL – read up</p> <p>Feedback & Reflections</p>
Log book entry required	Satisfactory completion certification by preceptor
Assessment	<p>Attendance</p> <p>Formative: Participation in OP & IP rounds and team activities</p> <p>Presentation of worked up cases Documentation of required portfolio and log book entries</p>
Other comments	

OPH4

Name of Block	Block 2
Name of Elective	Documenting refractive errors in children and factors contributing to its progression
Location of hospital lab or research facility	Vision testing room , Dept of Ophthalmology
Name of internal preceptor(s)	Dr Sabna Sasidharan
Name of external preceptor (if any)	

Learning objectives of the elective	<ol style="list-style-type: none"> 1. To enumerate common refractive errors in children and how they are corrected. 2. To enumerate factors contributing to their progression 3. To observe and document vision testing in children 4. To observe and document the procedure of cycloplegic refraction and retinoscopy in dark room 5. To collect data from parents regarding the possible factors contributing to refractive error using a questionnaire. 6. Counselling the parents regarding the need to decrease screen time, increase outdoor play and maintaining spectacle compliance
Number of students that can be accommodated in this elective	4
Prerequisites for the elective	Basic Life Support training
Learning resources for students	<ol style="list-style-type: none"> 1. Parsons diseases of eye 2. studies on determinants of refractive errors in children
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Participate in pediatric vision testing using age appropriate methods 2. Collect data from parents using a questionnaire 3. Assist in cycloplegic refraction and retinoscopy
Portfolio entries required	At least two patient's records SDL – Read up on myopia control measures in children. Feedback & Reflections
Log book entry required	Satisfactory completion certification by preceptor

Assessment	Attendance Formative: Participation in vision testing and activities Counselling of parents. Presentation of worked up cases . Documentation of required portfolio and log book entries
Other comments	