

## Clinical Schedule

**Table 7: Foundation of Eye**

Theme 1: Foundation of Ophthalmology			
Topic	Learning objectives	Assessment method	Hours
1. History Taking	<ul style="list-style-type: none"> <li>Take detailed history in ocular conditions</li> </ul>	OSCE	03 +
2. Visual Acuity	<ul style="list-style-type: none"> <li>Check visual acuity.</li> </ul>		02
3. Pupil Examination	<ul style="list-style-type: none"> <li>Perform pupillary examination.</li> </ul>	OSCE	03
4. Visual Fields (Confrontation)	<ul style="list-style-type: none"> <li>Perform visual fields examination by confrontation methods.</li> </ul>	OSCE	03
5. Slit-Lamp Examination	<ul style="list-style-type: none"> <li>Identify parts of slit-lamp</li> </ul>	OSCE	01
6. Anterior Segment Examination	<ul style="list-style-type: none"> <li>Examine anterior segment on slit lamp</li> </ul>	OSCE	01
7. Direct Ophthalmoscopy	<ul style="list-style-type: none"> <li>Perform direct ophthalmoscopy</li> </ul>	OSCE	02
8. Retinoscopy	<ul style="list-style-type: none"> <li>Identify trial lenses used in refraction.</li> </ul>	OSCE	03
9. Indirect Ophthalmoscopy	<ul style="list-style-type: none"> <li>Perform indirect ophthalmoscopy</li> </ul>	OSCE	02
Investigations	Describe/interpret the results of:	OSCE	03 +
10. OCT	<ul style="list-style-type: none"> <li>OCT</li> </ul>		02
11. Visual Fields	<ul style="list-style-type: none"> <li>Visual fields</li> </ul>		
12. Biometry	<ul style="list-style-type: none"> <li>Biometry</li> </ul>		
13. B-Scan	<ul style="list-style-type: none"> <li>B-scan</li> </ul>		
14. FFA	<ul style="list-style-type: none"> <li>FFA &amp; Corneal topography</li> </ul>		
15. Corneal Topography			

**Table 8: Abnormalities of Lid & Bulging of Eyes**

Theme 2: Lid Abnormalities & Bulging Eyes			
Topic	Learning objectives	Assessment method	Hours
16. Eversion Of Upper Lids	<ul style="list-style-type: none"><li>Observe Eversion of upper lids</li></ul>	OSCE	01
17. Ptosis Examination	<ul style="list-style-type: none"><li>Perform ptosis examination.</li></ul>	OSCE	03
18. Ptosis And Its Surgeries	<ul style="list-style-type: none"><li>Observe ptosis surgery</li></ul>	OSCE	03
19. Lids Abnormalities	<ul style="list-style-type: none"><li>Examine common lid abnormalities (Ectropion, Entropion, Chalazion, Stye)</li></ul>	OSCE	03
20. Lids Surgery Related Instruments	<ul style="list-style-type: none"><li>Identify instruments used in lids surgery</li></ul>	OSCE	03
21. Lid Reconstruction Procedures	<ul style="list-style-type: none"><li>Observe lid reconstruction procedures</li></ul>	OSCE	05
22. Proptosis	<ul style="list-style-type: none"><li>Observe proptosis</li></ul>	OSCE	03

**Table 9: Red Eye**

Theme 3: Red Eye			
Topic	Learning objectives	Assessment method	Hours
23. Use Of Topical Anesthesia and Staining	<ul style="list-style-type: none"><li>• Perform topical anesthesia and staining.</li></ul>	OSCE	01
24. Removal Of Superficial Foreign Bodies	<ul style="list-style-type: none"><li>• Observe corneal foreign body removal.</li></ul>	OSCE	01
25. Corneal Scrapping	<ul style="list-style-type: none"><li>• Observe corneal scrapping.</li></ul>	OSCE	02
26. Keratoplasty Surgery	<ul style="list-style-type: none"><li>• Observe keratoplasty.</li></ul>	OSCE	03
27. Lacrimal Regurgitation Test	<ul style="list-style-type: none"><li>• Perform lacrimal regurgitation test.</li></ul>	OSCE	01
28. Dacryocystorhinostomy (DCR) Surgery & Its Instruments	<ul style="list-style-type: none"><li>• Observe DCR surgery and identify instruments used</li></ul>	OSCE	03
29. Ocular Trauma	<ul style="list-style-type: none"><li>• Observe first aid to Ocular trauma</li><li>• Perform eye wash in chemical injury.</li></ul>	OSCE	03
30. Globe Repair Surgery	<ul style="list-style-type: none"><li>• Observe OGI surgery.</li></ul>	OSCE	03

**Table 10: Visual Loss**

<b>Theme 4: Visual Loss</b>			
<b>Topic</b>	<b>Learning objectives</b>	<b>Assessment method</b>	<b>Hours</b>
31. Normal Disc 32. Disc Abnormalities 33. Swollen Disc(S)	<ul style="list-style-type: none"> <li>Examine normal disc</li> <li>Examine glaucomatous disc.</li> <li>Examine swollen disc</li> </ul>	OSCE	03
34. Detection Of Retinal Lesions 35. Retinal Vascular Diseases	<ul style="list-style-type: none"> <li>Detect common retinal conditions</li> <li>Differentiate different retinal vascular conditions.</li> </ul>	OSCE	03
36. Retinal Detachment	<ul style="list-style-type: none"> <li>Identify RD in pictures</li> <li>Observe Retinal detachment surgery</li> </ul>	OSCE	03
37. Use Of Lasers In Eye 38. Intravitreal Injections	Discuss <ul style="list-style-type: none"> <li>Use of lasers in eye</li> <li>Intravitreal injections</li> </ul>	OSCE	02
39. Tonometry	Observe goldman tonometry	OSCE	01
40. Glaucoma Filtration Surgery	Observe Glaucoma filtration surgery	OSCE	03

**Table 11: Childhood Blindness**

<b>Theme 5: Childhood Blindness &amp; Crossed Eyes</b>			
<b>Topic</b>	<b>Learning objectives</b>	<b>Assessment method</b>	<b>Hours</b>
41. Congenital Glaucoma	<ul style="list-style-type: none"> <li>Observe congenital glaucoma examination (EUA) and surgery</li> </ul>	OSCE	03
42. Cataract (Adult and Ccongenital)	<ul style="list-style-type: none"> <li>Detect cataract on ocular examination</li> </ul>	OSCE	03
43. Cataract surgery	<ul style="list-style-type: none"> <li>Observe types of Adult and Congenital cataract surgery</li> </ul>	OSCE	03 + 03
44. Extraocular Mmovements	<ul style="list-style-type: none"> <li>Perform extraocular movements and squint examination</li> </ul>	OSCE	03
45. Squint Eexamination	<ul style="list-style-type: none"> <li>Perform cover / uncover / alternate cover tests</li> <li>Identify the pattern of squint (Esotropia vs. Exotropia)</li> </ul>	OSCE	03
46. Squint Surgery	<ul style="list-style-type: none"> <li>Observe squint surgery</li> </ul>	OSCE	03

# Learning Resources

S#	Subjects	Resources
1.	Anatomy	<b>A. GROSS ANATOMY</b> 1. K.L. Moore, Clinically Oriented Anatomy <b>B. EMBRYOLOGY</b> 1. Keith L. Moore. The Developing Human 2. Langman's Medical Embryology
2.	Community medicine	1. Preventive and Social Medicine by K Park 2. Community Medicine by M. Ilyas 3. Basic Statistics for the Health Sciences by Jan W Kuzma 4. Textbook of Community Medicine and Public Health, 2018. Saira Afzal, Sabeena Jala
3.	Ophthalmology	Vaughan & Asbury's General Ophthalmology, 18th Edition
4.	Pathology	1. Robbins & Cotran, Pathologic Basis of Disease, 9th edition. 2. Rapid Review Pathology, 4th edition by Edward F. Goljan MD
5.	Pediatrics	1. Nelson Textbook of Pediatrics, 19th Edition 2. Textbook of Pediatrics by PPA, preface written by S. M. Haneef 3. Clinical Pediatrics by Lakshmanaswamy Aruchamy, 3rd Edition
6.	Pharmacology	1. Lippincott Illustrated Pharmacology 2. Basic and Clinical Pharmacology by Katzung

7.	Physiology	<ol style="list-style-type: none"><li>1. Textbook Of Medical Physiology by Guyton And Hall</li><li>2. Ganong ' S Review of Medical Physiology</li><li>3. Human Physiology by Lauralee Sherwood</li><li>4. Berne &amp; Levy Physiology</li><li>5. Best &amp; Taylor Physiological Basis of Medical Practice</li></ol>
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