

Department of Ophthalmology

Hamdard Institute of Medical Sciences & Research and associated HAHC Hospital

Department of Ophthalmology is committed to strengthen and facilitate the National Programme for Control of Blindness and Visual Impairment (NPCB&VI) of government of India. Hence, in this regard regular community eye care camps are organized by the department to reduce the backlog of avoidable blindness through identification and treatment of curable blindness and to enhance community awareness on eye care and lay stress on preventive measures. Students interested in working to learn the preventive, curative and promotive aspect of eye care or making a career in Ophthalmology are welcome to choose from the two electives provided by the department—

1. Community Ophthalmology
2. Clinical & Surgical (simulation) Skills in Ophthalmology.

Ophthalmology Elective -1

| | NAME OF BLOCK | BLOCK 2 |
|----|---|---|
| 1. | Name of Elective/Course | Community Ophthalmology |
| 2. | No. of Students | 02 |
| 3. | Department | Ophthalmology |
| 4. | Name of Supervisor/Guide | Professor Taskin Khan |
| 5. | Name of Co-Supervisor/Guide (if any) | Dr Sugourab Das, Assistant Professor |
| 6. | Duration | 2 Weeks |
| 7. | Location | Community outreach setup. (It will be as assigned for eye camps, at different locations within the city.) & Ophthalmology department |
| 8. | Objectives Expected outcomes Expectations from the students | <ol style="list-style-type: none">1. Plan & manage a community eye camp2. Will be able to provide primary eye care to patients, under supervision, in an area where eye care resources are limited3. Work as a team member in a primary eye care setting Participate in activities for preventive, promotive and curative aspect of ocular diseases |

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| 9. | List of activities in which the student will participate | <ol style="list-style-type: none"> 1. Work as a team member in managing & organizing the eye camp 2. Provide patient care under the supervision of the in-charge of community eye camp 3. Counsel patients in their own language and develop rapport with the patients 4. In between the scheduled eye camps the student is expected to shadow the supervisor and learn basic skills necessary to evaluate the patient with eye disorders 5. Maintain portfolio 6. Logbook entry with feedback to the student & reflection writing on learning at the end of posting |
| 10. | Learning resources for students | Parson's Diseases of the eye- Ramanjit Sihota, Radhika Tandon |
| 11. | Assessment mechanism | Formative:- <ol style="list-style-type: none"> 1. Satisfactory completion & duly signed logbook 2. Reflection on learnings 3. 75% attendance |
| 12. | Logbook Format | Documentation of all the activities & feedback |

Ophthalmology Elective -2

The Indian Medical Graduate has been identified as a physician of first contact of the community while being globally relevant. Primary care and emergency physicians are usually the first to come in contact with patients having ocular complaints. Ophthalmology education during medical school is often very limited. However, ocular complaints are prevalent in many clinical settings, and it is highly advantageous to have some knowledge about the common eye problems, irrespective of future specialty. Hence, the Department of Ophthalmology provides exposure to areas beyond its standard curriculum and offers elective in providing minimum clinical skills that would help medical graduates in identification of potentially sight-threatening diseases. Besides, Clinical & Surgical (simulation) Skills in Ophthalmology will also provide an overview of the subject to the undergraduates helping them choose their career path in future.

| | NAME OF BLOCK | BLOCK 2 |
|----|---|---|
| 1. | Name of Elective/Course | Clinical & Surgical (simulation) Skills in Ophthalmology |
| 2. | No. of Students | 02 |
| 3. | Department | Ophthalmology |
| 4. | Name of Supervisor/Guide | Dr Niharika Chaudhary, Associate Prof. |
| 5. | Name of Co-Supervisor/Guide (if any) | Dr Anwara Mammel, Assistant Professor |
| 6. | Duration | 2 Weeks |
| 7. | Location | Ophthalmology Department |
| 8. | Objectives Expected outcomes Expectations from the students | <ol style="list-style-type: none"> 1. Describe the basic components of an ophthalmic history and examination (Expected to have some prior knowledge) 2. Perform proper eye examination techniques, especially slit lamp, and fundus exam 3. Discuss common ocular pathologies and their management 4. Perform under supervision following surgical skills in Ophthalmology (simulation in wet lab) <ul style="list-style-type: none"> • Use and work under the operating microscope. • Identify ophthalmic surgical instruments. 5. Perform selected ophthalmic surgical techniques |
| 9. | List of activities in which the student will participate | 1. OPD & Ward: The student is expected to shadow the supervisor/ |

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| | | <p>co-supervisor/Resident and learn basic skills necessary to evaluate the patient with eye disorders</p> <ol style="list-style-type: none"> 2. Participate (supervised) in ocular examination of patients 3. Operating Room experience: Students will be paired with a supervisor/co-supervisor/ resident to shadow in the operating room 5. Surgical Wet Lab: Perform under supervision following surgical skills in Ophthalmology (simulation in wet lab) <ul style="list-style-type: none"> • Use and work under the operating microscope. • Identify ophthalmic surgical instruments. • Perform selected ophthalmic surgical techniques 4. Maintain portfolio 5. Logbook entry with feedback to the student & reflection writing on learning at the end of posting |
| 10. | Learning resources for students | Parson's Diseases of the eye- Ramanjit Sihota, Radhika Tandon |
| 11. | Assessment mechanism | <p>Formative:-</p> <ol style="list-style-type: none"> 1. Satisfactory completion & duly signed logbook 2. Reflection on learnings 3. 75% attendance |
| 12. | Logbook Format | Documentation of all the activities & feedback |