

Logbook-cum-Portfolio

ElectiveModule:Cataract Surgery

OPHTHALMOLOGY ELECTIVES

Name of Block	Block 2
Name of Elective	Cataract Surgery
Location of hospital Lab or research facility	Eye OPD & OT
Name of internal preceptor(s)	Dr. Ritesh Verma
Name of external preceptor (if applicable)	Nil
Learning objectives of elective	1. To learn detailed pre operative evaluation of a case of cataract- Hands on. 2. To learn the techniques of IOL power calculation –Biometry and Keratometry. 3. To observe and assist cataract surgery in OT. 4. To learn slit lamp technique of anterior segment examination.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Basic knowledge of Ocular Anatomy Basis knowledge of Disorders of Lens
Learning resources for students	• Parson’s text book of Ophthalmology.
List of activities of student participation	1. Work daily with a supervisor inobserving, assisting patients. 2. To document at least two activities observed/assisted.
Portfolio entries required	1. Documentation of worked up cases (min.-04)
Log book entry required	Completion of posting signed bypreceptor with a “meets expectation ‘(M)’ grade”
Assessment	Formative: • Attendance • Day-to-day participation in departmentalactivity • performance of assigned tasks
Other comments	• Hands-on Experience in Ocular Microsurgery: Students will have the chance to scrub in during cataract surgeries, providing firsthand exposure to surgical techniques. • Research & Publication: There will be opportunities to participate in research activities and co-author case reports or articles, which will strengthen future residency or fellowship applications. • One-on-One Sessions with Masters: Students will have access to personalized sessions with experienced ophthalmic surgeons and faculty, particularly in preparation for any upcoming conferences.

Cataract Surgery

The Cataract Surgery elective is designed to provide MBBS students with an immersive and comprehensive learning experience in the management and surgical treatment of cataracts. This elective offers a unique opportunity to work closely with experienced ophthalmic surgeons in both outpatient and surgical settings, gaining hands-on exposure to pre-operative evaluations, intraocular lens (IOL) calculations, and the intricacies of cataract surgery. Students will have the chance to scrub in during surgeries, observe advanced surgical techniques, and actively participate in post-operative care. Additionally, students will have opportunities for research involvement, potential case report publications, and one-on-one mentoring sessions with leading experts, enhancing both clinical skills and academic portfolios. This elective is tailored to equip students with the skills and experiences essential for a deciding on a successful career in the field.