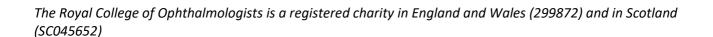


OST Curriculum 2024

Level 4 Learning Outcomes and descriptors

Patient Management Domain



Glaucoma (iv)

Level 4

Learning Outcome

Descriptors

An ophthalmologist achieving this level will, in addition:

Demonstrate advanced clinical management and surgical skills.

- Demonstrate competency in diagnosis, investigation and management of glaucoma cases in outpatients, inpatients and emergency settings.
- Have skills in cataract surgery to Level 4.
- Have advanced cataract surgery skills to manage cataract surgery in the setting of glaucoma copathology.
- Understand and utilise available instrument technology relevant to glaucoma, e.g. optical coherence tomography (OCT), ultrasound biomicroscopy (UBM).
- Perform glaucoma surgery independently including, but not limited to:
 - trabeculectomy with antimetabolites or non-penetrating glaucoma surgery

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- cyclodestructive procedures
- Understand other glaucoma drainage procedures, including microinvasive techniques and drainage tubes.
- Advise on or perform advanced glaucoma procedures to manage non-responsive acute angle closure glaucoma such as iridoplasty and diode laser.
- Demonstrate skills to manage the complications of glaucoma and cataract surgery including but not exclusively:
 - Hypotony
 - Infection
 - Inflammation
 - aqueous misdirection
 - failing or leaking blebs
 - choroidal detachments
 - haemorrhage

Manage the complexity and uncertainty of glaucoma cases.	 Undertake prospective audit of specialist surgical outcomes in glaucoma drainage procedures against national and/or published standards. Maintain a record of activities, using the RCOphth electronic logbook. Understand and apply advanced knowledge of glaucoma diseases and practice. Independently manage glaucoma clinics and theatre lists. Diagnose and manage complex glaucomatous conditions and masquerade presentations including, but not limited to, secondary glaucoma and optic neuropathy. Manage and operate on patients whose previous glaucoma surgery has failed. Apply knowledge and skills in a flexible manner. Utilise existing skills to novel situations. Adapt management strategies to take account of patient's informed preferences, particular circumstances, age and co-morbidities, respecting patient autonomy. Manage the uncertainty of treatment success or failure and communicate effectively with patients where there is uncertainty. Manage the personal challenge of coping with uncertainty. Evaluate published developments in glaucoma knowledge and practice and modify own practice appropriately. Recognise and refer patients who will benefit from more specialist input.
Apply management and team working skills appropriately, including in complex, dynamic situations.	 Use highly developed consultation skills efficiently to manage busy clinics whilst managing patient expectations. Assist with decision-making where there are cognitive impairment barriers, employing Independent Mental Capacity Advocate (IMCA) services or equivalent if necessary. Understand how culture or religious beliefs can affect patients' decision-making and needs, and communicate these effectively to the team. Be sensitive to social situations and the impact these may be having on the patient, their carers and their disease. Understand when information must be shared more widely with schools, carers, police, etc. and understand the responsibilities and implications of sharing information. Receive and respond to communications in complex or challenging situations. Supervise different models of delivery of glaucoma care, including but not limited to virtual clinic and supervision of allied professionals.

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	 Give specialist advice to non-glaucoma specialists. Liaise and support colleagues from other special interest areas to optimise patient care, when comanagement is required. Promote professional values within the team. Work as a collaborative member of a team, respecting differences of opinion. Accept constructive and appropriately framed criticism. Support colleagues. Be an advocate for patients. Manage significant events and complaints, including writing formal reports. Understand and follow local policies in response to complaints.
Be an effective supervisor, teacher and trainer of glaucoma.	 Participate in education/training of medical students/junior trainees, and allied health professionals in glaucoma. Supervise and accredit/sign off trainees to Level 3 in glaucoma. This includes supervising simple glaucoma procedures and surgery to Level 3. Supervise and accredit/sign off trainees to Level 4 in cataract surgery. Supervise allied professionals in the delivery of glaucoma care under guidance of local governance policies.

The indicative time for training at this level is **18 months** of full time equivalent.