



MALAYSIAN MEDICAL COUNCIL

SPECIALTY-SPECIFIC REQUIREMENTS (SSR)

(OPHTHALMOLOGY)

Prepared By:

Specialty Education Subcommittee (SEC)
of the Medical Education Committee (MEC),
Malaysian Medical Council

Approved by the Malaysian Medical Council:

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Preface

1. The Specialty-Specific Requirements (SSR) pertain to requirements within each specialty and specify the minimum requirements pertaining to the training curriculum, trainers, educational resources and head of programme.
2. The Specialty-Specific Requirements (SSR) are intricately linked to the MMC Malaysian Standards for Medical Specialist Training 2019, and the Standards and SSR must be read and applied together.

Specialty-Specific Minimum Requirements for Training Curriculum (Based on Area 1.2.4 of Malaysian Standards for Medical Specialist Training) –

Ophthalmology

Specialty-Specific Requirements (Reference Standard)	Criteria									
1) Minimum entry requirements for postgraduate training (Standard 3.1.)	i. Fully registered with the Malaysian Medical Council with a current annual practising certificate ii. Minimum of 1-year clinical experience post housemanship iii. Successful entry evaluation to programme									
2) Minimum duration of training programme (Standard 1.2.4 - Table 2)	Completion of a minimum of 48 months of specialised training in the specialty programme									
3) Structure of training (rotation/modules) (Standard 1.2.4 - Table 3 & Table 4) Training overview Training rotation and case mix	The programme should have a clear pathway encompassing phases of training which shall include the basic and advanced components in ophthalmology. Rotations should include the following rotations as follows: <table><tr><th>Areas</th><th>Details</th><th>Minimum Duration (Months)</th></tr><tr><td>General Ophthalmology</td><td></td><td>12</td></tr><tr><td>Ophthalmology related subspecialties</td><td></td><td>34</td></tr></table>	Areas	Details	Minimum Duration (Months)	General Ophthalmology		12	Ophthalmology related subspecialties		34
Areas	Details	Minimum Duration (Months)								
General Ophthalmology		12								
Ophthalmology related subspecialties		34								

		Glaucoma	4
		Paediatric Ophthalmology	4
		Cornea and Anterior Segment	4
		Surgical Retina	4
		Medical Retina	4
		Orbit and Oculoplasty	4
		Cataract	4
		Any rotation as listed above/Neuro-ophthalmology/ other relevant ophthalmology:	6
	Non-Ophthalmology related subspecialties	Endocrinology and or Neuromedical	2
*Duration of training per year is 48 weeks			
4) Assessments (Standard 2.2.1)	Assessments should - Employ appropriate methods and levels that are well-aligned with learning outcomes. These include a variety of methods and tools such as written assessments, clinical skills assessments, supervisor's report, logbook, attendance, training attended, practice diary, and research report. - Include methods appropriate to assess communication skills, ethics and professionalism. - Include formative and summative assessments throughout each rotation, semester, or year of study. - Include clear criteria for progression to next year of study. - Include an exit evaluation/assessment.		
5) Additional requirements for completion of training (Standard 1.2.4)	- Completion of graduate-level research or clinical audit project. - Satisfactory completion of required courses/workshops: - Good Clinical Practice - Basic Phacoemulsification - Blindness awareness programme		
6) List of competencies to be acquired upon completion of training (Standard 1.1.4)	<u>Generic competencies</u> Able to: - Independently manage common ophthalmology cases holistically, including complications, whilst considering social, health economics and preventive aspects - Function competently and professionally in a team-based environment - Maintain a high level of integrity and ethical conduct in practice - Ensure effective communication with patients,		

	colleagues and other healthcare-adjacent providers v. Advance the evidence-based practice of surgery through research, audit and scientific writing vi. Exemplify life-long learning through continual professional development, including acquisition of new skills and competencies vii. Demonstrate exemplary leadership qualities, including setting and maintaining standards, supporting others and having the resilience to cope with pressure viii. Cultivate an entrepreneurial mindset, balancing risks and benefits, for creative problem-solving Specialty Specific Competencies The candidates on completion should have acquired the following competency/skills: 1. Able to diagnose and treat common to complex ophthalmic diseases 2. Able to critically evaluate and discuss diagnostic ophthalmic findings with healthcare providers involved in patient care. 3. Able to perform procedures: - Incision and curettage of chalazion - Syringing and probing of the nasolacrimal system - Laser procedures in general ophthalmology - Vitreous tap and intravitreal injection 4. The minimum number of adult cataract surgeries to be done in 4 years is 50 competent cases per trainee that are objectively assessed, using the OSCAR rubrics or equivalent 200 cases for non-OSCAR rubrics. 5. Able to perform simple ophthalmic surgeries: - Excision of pterygium and conjunctival mass - Toilet and suturing of cornea and sclera - Toilet and suturing of eyelid
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***Note: These criteria represent the minimum standards. Each educational programme provider may exercise their autonomy to state criteria above and beyond these minimum standards.**

**Specialty-Specific Minimum Requirements (Items 4-7) for
Training Centres (Based on Areas 3-6 of Malaysian
Standards for Medical Specialist Training) -**

Ophthalmology

Item no	Specialty-Specific Requirements (Reference standard)	Criteria													
4	Trainer-to-trainee ratio (Standard 3.1.3)	1:4													
5	Minimum qualifications and experience of trainers (Standard 4.1.2)	i. Registered with National Specialist Register ii. Completed Training-of-Trainer course/equivalent													
6	Minimum requirements for educational resource (Standard 5.1.1)	The diagnostic facilities and equipment requirement of the training centres must collectively be able to accommodate the following minimum requirements: i. Facilities <table><tr><th>Facilites</th></tr><tr><td>Seminar/tutorial rooms</td></tr><tr><td>Trainee workspace</td></tr><tr><td>Library of reference books and journals (physical and/or virtual)</td></tr></table> ii. Services <table><tr><th>Services</th></tr><tr><td>Ophthalmology clinic</td></tr><tr><td>Ophthalmology operating theatre</td></tr><tr><td>Ophthalmology in-patient services</td></tr><tr><td>Ocular Emergency services</td></tr><tr><td>Microbiology services</td></tr><tr><td>Diagnostic Imaging services</td></tr><tr><td>Anaesthetic services</td></tr><tr><td>General Medical services</td></tr></table>	Facilites	Seminar/tutorial rooms	Trainee workspace	Library of reference books and journals (physical and/or virtual)	Services	Ophthalmology clinic	Ophthalmology operating theatre	Ophthalmology in-patient services	Ocular Emergency services	Microbiology services	Diagnostic Imaging services	Anaesthetic services	General Medical services
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iii. Equipment

Equipment
Slit lamp
Operating microscope
Phacoemulsification machine
Laser machines [(Yttrium-Aluminium Garnet) YAG and argon lasers]
Binocular indirect ophthalmoscope
Intravitreal instrument sets
Cataract instrument sets
Automated Visual Fields
Biometry and B Scan
Optometry services
Optical coherence tomography (OCT) scan
Fundus camera and retinal angiography

iv. Case Mix and Case Load

The case mix and case load of the programme training centres must **collectively** be able to accommodate the following minimum requirements for each trainee:

Cases	Quantity (cases/trainee/year)
Outpatient clinic	400
Emergency cases	50
Surgeries/ Procedures	Quantity (cases/trainee/year)
Cataract surgeries	20 procedures

7	Minimum qualifications and experience of Head of Programme (Standard 6.2.2)	i. 5 years of working experience after national specialist registration ii. Experience in administration and/or academic management
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ACKNOWLEDGEMENT

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