



MALAYSIAN MEDICAL COUNCIL

SPECIALTY-SPECIFIC REQUIREMENTS (SSR)

[OTORHINOLARYNGOLOGY (ORL)]

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) - Otorhinolaryngology (ORL)	
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. 2 years clinical experience post housemanship iii. Successful entry evaluation into the 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/ modules and case mix	The program should have a clear pathway encompassing phases of training which shall include the basic and advanced components in otorhinolaryngology. A minimum of 144 weeks training in otorhinolaryngology including subspecialties of i. Otology ii. Rhinology iii. Head and neck surgery/laryngology iv. Paediatric otorhinolaryngology Training should also include non-otorhinolaryngology elective

rotations in surgical-related disciplines:

- i. Oral maxillofacial surgery
- ii. Plastic surgery
- iii. Neurosurgery

Areas	Details	Minimum Duration - (Weeks)
Applied medical sciences in otorhinolaryngology	a. Applied Anatomy Surgical anatomy with emphasis on head and neck anatomy b. Applied Physiology General physiology and specific physiology related to otorhinolaryngology c. Pathology General pathology and specific pathology related to otorhinolaryngology d. Medical Microbiology e. Principles of Surgery	48
General otorhinolaryngology	Surgical techniques. Operation theatre. Wound care. Perioperative management. Critical care. Trauma. • Endoscopies – flexible and rigid • Adenotonsillectomy • Tracheostomy • Foreign body of ear, nose and throat - Epistaxis management	

	Otorhinolaryngology fields of practice i. Otology ii. Rhinology iii. Head and neck surgery/laryngology iv. Paediatric otorhinolaryngology Related specialties i. Oral maxillofacial surgery ii. Plastic surgery iii. Neurosurgery	144
	*Duration of training per year is 48 weeks	
4) Assessments (Standard 2.2.1)	Assessments should i. 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 assessments, supervisor's report, logbook, attendance, training attended, practice diary, research report, formative assessment, communication skills including methods appropriate to assess ethics and professionalism. ii. Include formative and summative assessments throughout each rotation, semester, or year of study. iii. Include clear criteria for progression to next year of study. iv. Include an exit evaluation/assessment.	
5) Additional requirements for completion of training (Standard 1.2.4)	i. Completion of graduate-level research or clinical audit project. ii. Temporal bone dissection course iii. Endoscopic sinus surgery dissection course iv. Head & neck/laryngology dissection course v. Good clinical practice course	
6) List of competencies to be acquired upon completion of training	<u>Generic competencies</u> Able to: i. Independently manage common ORL cases holistically, including complications, whilst considering social, health economics and preventive aspects. ii. Function competently and professionally in a team-based environment	

(Standard
1.1.4)

- iii. Maintain a high level of integrity and ethical conduct in practice.
- iv. 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.

Specific specialty competencies

Able to perform the following procedures competently. This includes pre-operative and post-operative care

Type of surgery/procedure	Number of Cases Performed Independently
Adenotonsillectomy	20
Cortical mastoidectomy	5
Endoscopic sinus surgery	5
Septoplasty	10
Tympanoplasty	10
Adult and paediatric tracheostomy	20
Cervical lymph node biopsy	10
Grommet insertion	10
Oesophagoscopy	10
Rigid laryngoscopy	10

***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) - Otorhinolaryngology											
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 programme training centres must collectively be able to accommodate the following minimum requirement: i. Physical facilities <table><tr><th>Facilities</th></tr><tr><td>Access to library/journal/text books (physical/online)</td></tr><tr><td>Otorhinolaryngology Clinic</td></tr><tr><td>Inpatient Otorhinolaryngology facilities</td></tr><tr><td>Intensive care unit</td></tr><tr><td>Operating room</td></tr><tr><td>Seminar room</td></tr><tr><td>Tutorial room</td></tr></table> ii. Service <table><tr><th>Services</th></tr></table>	Facilities	Access to library/journal/text books (physical/online)	Otorhinolaryngology Clinic	Inpatient Otorhinolaryngology facilities	Intensive care unit	Operating room	Seminar room	Tutorial room	Services
Facilities											
Access to library/journal/text books (physical/online)											
Otorhinolaryngology Clinic											
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Operating room											
Seminar room											
Tutorial room											
Services											

Inpatient services
Otorhinolaryngology operating services
Otorhinolaryngology clinic services
Radiology and imaging services
Pathology services (biochemistry, histology and microbiology)
Blood bank services
Audiology and speech therapy services

iii. Equipment

Equipment	Quantity
Endoscopic camera system	1
Surgical operating microscope	1

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

Areas	Quantity (trainee/year)
Surgical Procedures	200
Inpatient Cases	500
Outpatient cases	1500

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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