



MALAYSIAN MEDICAL COUNCIL

SPECIALTY-SPECIFIC REQUIREMENTS (SSR)

(GENERAL PAEDIATRICS)

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) - General Paediatrics														
Specialty-Specific Requirements (Reference Standard)	Criteria													
1. Minimum entry requirements for postgraduate training (Standard 3.1.)	1. Fully registered with the Malaysian Medical Council with a current annual practicing certificate 2. 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 program.													
3) Structure of training (rotation/modules) (Standard 1.2.4 - Table 3 & Table 4) Training overview Training rotation/modules and case mix	Training Overview The program should have a clear pathway encompassing phases of training which shall include the basic and advanced components in general paediatrics. Compulsory Rotation Program: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Areas</th> <th style="text-align: center;">Details</th> <th style="text-align: center;">Minimum Duration (Weeks)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">General Paediatrics</td> <td></td> <td style="text-align: center;">48</td> </tr> <tr> <td style="text-align: center;">Neonatology</td> <td>Minimum 24 weeks in Level 3 Neonatal Intensive Care Unit (NICU) with at least 10 ventilator beds</td> <td style="text-align: center;">48</td> </tr> <tr> <td style="text-align: center;">Other Paediatric Subspecialties</td> <td style="text-align: center;">Minimum 2 subspecialties</td> <td style="text-align: center;">12 (Each subspecialty)</td> </tr> </tbody> </table>		Areas	Details	Minimum Duration (Weeks)	General Paediatrics		48	Neonatology	Minimum 24 weeks in Level 3 Neonatal Intensive Care Unit (NICU) with at least 10 ventilator beds	48	Other Paediatric Subspecialties	Minimum 2 subspecialties	12 (Each subspecialty)
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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,													

* Duration of training per year is 48 weeks

	<p>attendance, training attended, practice diary, research report, formative assessment, communication skills including methods appropriate to assess ethics and professionalism.</p> <ul style="list-style-type: none"> 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.
<p>5) Additional requirements for completion of training</p> <p>(Standard 1.2.4)</p>	<ul style="list-style-type: none"> 1. Completion of graduate-level research or clinical audit project. <ul style="list-style-type: none"> i. Satisfactory completion of a research project/clinical audit ii. satisfactory assessment by 2 senior specialists. 2. Compulsory courses <ul style="list-style-type: none"> i. Neonatal Resuscitation Programme Trainer Course ii. Advanced Paediatric Resuscitation Provider Course iii. Basic Epidemiology and Statistics Course
<p>6) List of competencies to be acquired upon completion of training</p> <p>(Standard 1.1.4)</p>	<p><u>Generic competencies</u></p> <p>Able to:</p> <ul style="list-style-type: none"> i. Diagnose, investigate and manage common general paediatrics and neonatology cases whilst considering social, health economics and preventive aspects ii. Anticipate and manage complications iii. Work independently and in teams competently and professionally iv. Practise good ethical conduct v. Practise good and effective communication skills vi. Perform critical review, plan and conduct scientific research vii. Exemplify self-advancement through continuous academic and/or professional development including digital health viii. Apply evidence-based medicine in the field of general paediatrics. ix. Demonstrate exemplary leadership qualities in the multi-disciplinary team management of general paediatrics cases x. Demonstrate an entrepreneurial mindset, creative problem-solving and resilience

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 for Training Centres and Head Programme (Based on Areas 3-6 of Malaysian Standards for Medical Specialist Training) - General Paediatrics								
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)	<ul style="list-style-type: none"> i. Registered with National Specialist Register ii. Completed training-of-trainer course/equivalent 						
6	Minimum requirements for educational resource (Standard 5.1.1)	<p>Training centres must collectively provide facilities, services, equipment and a case mix as follows:</p> <ul style="list-style-type: none"> i. Physical Facilities <ol style="list-style-type: none"> 1. Access to library or electronic resource platforms offering point of care resources 2. Seminar rooms (or virtual platforms) for regular scheduled educational activities (eg journal club, clinical conferences, mortality and morbidity reviews, audit meetings, radiology Multi-Disciplinary Team meeting (MDT), etc). 3. Internet access 4. Offices/meeting areas for formal supervision 5. Designated work and study areas/space for trainees 6. On-call rooms and catering facilities during on-call duties 						
		<table border="1"> <thead> <tr> <th>Facilities</th> <th>Details</th> <th>Minimum</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Facilities	Details	Minimum			
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		Quantity
Bed facilities	Paediatric beds	24 beds
	Neonatal beds	15 beds (with at least 3 ventilator beds)

ii. Services Areas

Services Areas
Obstetrics and Gynaecology
Accident and emergency
Blood bank
Pathology lab
Microbiology lab
Radiology department with ultrasound and contrast study facilities
Allied Health Services (e.g. Physiotherapy)

iii. Equipment

Equipment
Inpatient beds for paediatric patients
Outpatient rooms for consultations
Resuscitation facilities including defibrillators and emergency medications, intubation equipment and medications
Equipment for basic medical diagnostics, procedures and treatments - blood and urine testing, lumbar puncture, chest drains, urinary catheterization etc
Access to paediatric imaging services, Computed Tomography (CT) / Magnetic Resonance Imaging (MRI) facilities, endoscopy, cranial ultrasound, echocardiography (on or off site)

		<p>iv. Case Load (Case Mix)</p> <p>The case load of the programme training centers must collectively be able to accommodate the following minimum requirement</p> <table border="1"> <thead> <tr> <th>Areas</th> <th>Minimum Quantity (cases/trainee/year)</th> </tr> </thead> <tbody> <tr> <td>General Paediatrics admission</td> <td>1500</td> </tr> <tr> <td>Neonatal admission</td> <td>500</td> </tr> </tbody> </table>	Areas	Minimum Quantity (cases/trainee/year)	General Paediatrics admission	1500	Neonatal admission	500
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General Paediatrics admission	1500							
Neonatal admission	500							
7	<p>Minimum qualifications and experience of Head of Programme</p> <p>(Standard 6.2.2)</p>	<p>i. 5 years or more of working experience after national specialist registration</p> <p>ii. Experience in administration and/or academic management</p>						

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ACKNOWLEDGEMENT

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