# MALAYSIAN MEDICAL COUNCIL

# SPECIALTY-SPECIFIC REQUIREMENTS (SSR)

# (GENERAL PAEDIATRICS)

Prepared By:

Specialty Education Subcommittee (SEC)

of the Medical Education Committee (MEC),

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.

Attachment 2

<table>
<tr><td colspan="2">Specialty-Specific Minimum Requirements for Training Curriculum (Based on Area 1.2.4 of Malaysian Standards for Medical Specialist Training) - General Paediatrics</td></tr>
<tr><td>Specialty-Specific Requirements<br>(Reference Standard)</td><td>Criteria</td></tr>
<tr><td>1. Minimum entry requirements for postgraduate training<br><br>(Standard 3.1.)</td><td>1. Fully registered with the Malaysian Medical Council with a current annual practicing certificate<br><br>2. Successful entry evaluation into the programme</td></tr>
<tr><td>2) Minimum duration of training programme<br><br>(Standard 1.2.4 - Table 2)</td><td>Completion of a minimum of 48 months of specialised training in the specialty program.</td></tr>
<tr><td>3) Structure of training (rotation/modules)<br><br>(Standard 1.2.4 - Table 3 & Table 4)<br><br>Training overview<br><br>Training rotation/modules and case mix</td><td>Training Overview<br><br>The program should have a clear pathway encompassing phases of training which shall include the basic and advanced components in general paediatrics.<br><br>Compulsory Rotation Program:<br><br>
<table>
<tr><th>Areas</th><th>Details</th><th>Minimum Duration (Weeks)</th></tr>
<tr><td>General Paediatrics</td><td></td><td>48</td></tr>
<tr><td>Neonatology</td><td>Minimum 24 weeks in Level 3 Neonatal Intensive Care Unit (NICU) with at least 10 ventilator beds</td><td>48</td></tr>
<tr><td>Other Paediatric Subspecialties</td><td>Minimum 2 subspecialties</td><td>12 (Each subspecialty)</td></tr>
</table>
* Duration of training per year is 48 weeks</td></tr>
<tr><td>4) Assessments<br><br>(Standard 2.2.1)</td><td>Assessments should<br>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,</td></tr>
</table>

| | |
|---|---|
| | attendance, training attended, practice diary, research report, formative assessment, communication skills including methods appropriate to assess ethics and professionalism.<br>ii. Include formative and summative assessments throughout each rotation, semester, or year of study.<br>iii. Include clear criteria for progression to next year of study.<br>iv. Include an exit evaluation/assessment. |
| *5)* Additional requirements for completion of training<br><br>*(Standard 1.2.4)* | 1. Completion of graduate-level research or clinical audit project.<br>i. Satisfactory completion of a research project/clinical audit<br>ii. satisfactory assessment by 2 senior specialists.<br><br>2. Compulsory courses<br>i. Neonatal Resuscitation Programme Trainer Course<br>ii. Advanced Paediatric Resuscitation Provider Course<br>iii. Basic Epidemiology and Statistics Course |
| 6) List of competencies to be acquired upon completion of training<br><br>(Standard 1.1.4) | **<u>Generic competencies</u>**<br><br>Able to:<br><br>i. Diagnose, investigate and manage common general paediatrics and neonatology cases whilst considering social, health economics and preventive aspects<br>ii. Anticipate and manage complications<br>iii. Work independently and in teams competently and professionally<br>iv. Practise good ethical conduct<br>v. Practise good and effective communication skills<br>vi. Perform critical review, plan and conduct scientific research<br>vii. Exemplify self-advancement through continuous academic and/or professional development including digital health<br>viii. Apply evidence-based medicine in the field of general paediatrics.<br>ix. Demonstrate exemplary leadership qualities in the multi-disciplinary team management of general paediatrics cases<br>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.**

Attachment 4

<table>
<tr><th colspan="3">Specialty-Specific Minimum Requirements for Training Centres and Head Programme (Based on Areas 3-6 of Malaysian Standards for Medical Specialist Training) - General Paediatrics</th></tr>
<tr><th>Item no</th><th>Specialty-Specific Requirements<br><br>(Reference standard)</th><th>Criteria</th></tr>
<tr><td>4</td><td>Trainer-to-trainee ratio.<br><br>(Standard 3.1.3)</td><td>1:4</td></tr>
<tr><td>5</td><td>Minimum qualifications and experience of trainers<br><br>(Standard 4.1.2)</td><td>i. Registered with National Specialist Register<br><br>ii. Completed training-of-trainer course/equivalent</td></tr>
<tr><td>6</td><td>Minimum requirements for educational resource<br><br>(Standard 5.1.1)</td><td>Training centres must <u>collectively</u> provide facilities, services, equipment and a case mix as follows:<br><br>i. Physical Facilities<br><br>1. Access to library or electronic resource platforms offering point of care resources<br>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).<br>3. Internet access<br>4. Offices/meeting areas for formal supervision<br>5. Designated work and study areas/space for trainees<br>6. On-call rooms and catering facilities during on-call duties<br><br><table><tr><th>Facilities</th><th>Details</th><th>Minimum</th></tr></table></td></tr>
</table>

| | | 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) |

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

**Note : These criteria represent the minimum standards. Each educational programme provider may exercise their autonomy to state criteria above and beyond these minimum standards.**

## ACKNOWLEDGEMENT

**Authors:**

**Specialty Education Subcommittee (SSC) Edu General Paediatrics 2022 – 2024**

1. Prof. Dr. Thong Meow Keong (Chair)
2. Dr. Intan Nor Chahaya bt Shukor
3. Dr. Zainah Shaikh Hedra
4. Dr. Chong Lee Ai
5. Dr Zurina Zainudin
6. Dr Kok Juan Loong

**Specialty Education Subcommittee (SSC) Edu General Paediatrics 2024 – 2026**

1. Prof. Dr. Thong Meow Keong
2. Dr. Zurina Zainudin
3. Dr. Noor Hafiza Noordin
4. Dr Chua Bee Sim
5. Prof. Dr. Lai Nai Ming

**Editors:**

**Medical Education Committee (MEC)**

1. Prof. Datuk Dr. Rohaizat Bin Yon (Chair)
2. Prof. Dato' Dr. Mafauzy bin Mohamed
3. Prof. Dr. Zaleha Abdullah Mahdy
4. Prof. Datin Dr. Yong Rafidah binti Abdul Rahman
5. Prof. Dr. G. R. Letchuman Ramanathan
6. Dato' Dr. Jiffre bin Din
7. Dato' Dr. Jafri Malin bin Abdullah
8. Prof. Dr. Azad Hassan Bin Abdul Razack
9. Prof. Dato' Dr. Yang Faridah binti Abdul Aziz
10. Dr. Sri Wahyu Binti Taher
11. Prof. Dr. Sharifah Sulaiha Binti Syed Aznal
12. Prof. Dr Shatriah Binti Ismail
13. Prof. Dr. Lee Way Seah
14. Dr. Rafidah Binti Abdullah

**Specialty Education Subcommittee (SEC)**

1. Prof. Dr. G. R. Letchuman Ramanathan (Chair)
2. Dr. Hirman bin Ismail
3. Prof. Dr. Jamiyah binti Hassan
4. Prof. Dr. Nazimah Idris
5. Dr. Giri Shan
6. Dr. Hanif Hussein
7. Prof. Madya Dr. Bahiyah Abdullah
8. Datuk Seri Dr. Paras Doshi