



MALAYSIAN MEDICAL COUNCIL

SPECIALTY-SPECIFIC REQUIREMENTS (SSR)

[OBSTETRICS AND GYNAECOLOGY (O&G)]

Prepared By:

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

Approved by the Malaysian Medical Council:

21st May 2024

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) - Obstetrics and Gynaecology (O&G)

| 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. 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 | <p>The program should have a clear pathway encompassing phases of training which shall include the basic and advanced components in Obstetrics and Gynaecology.</p> <p>The candidate must undergo training to develop their competency in performing surgical procedures and office-based procedures/ techniques that are safe, feasible and relevant to their patients and clinical environment and refer appropriately when a procedure is outside their level of competence.</p> <table border="1"> <thead> <tr> <th>Areas</th> <th>Details</th> <th>Minimum Duration (Months)</th> </tr> </thead> <tbody> <tr> <td>General Obstetrics</td> <td>Preconception and Antenatal Care</td> <td>18</td> </tr> </tbody> </table> | | | Areas | Details | Minimum Duration (Months) | General Obstetrics | Preconception and Antenatal Care | 18 |
| Areas | Details | Minimum Duration (Months) | | | | | | | |
| General Obstetrics | Preconception and Antenatal Care | 18 | | | | | | | |

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|---|--|--|-------------------|
| | (including Obstetric Emergency) | <p>Management of Labour and Delivery</p> <p>Postpartum Problems</p> <ul style="list-style-type: none"> ● Breastfeeding ● Contraception <p>Core Surgical Skills</p> <ul style="list-style-type: none"> ● Pre- and Post-Operative Care ● Intraoperative Surgical Techniques ● Management of Complications | |
| | General Gynaecology (including Gynaecological Emergency) | <p>Common Gynaecological Problems</p> <p>Sexual Reproductive Health</p> <ul style="list-style-type: none"> ● Infection ● Contraception ● One Stop Crisis Centre ● Domestic Violence <p>Core Surgical Skills</p> <ul style="list-style-type: none"> ● Pre- and Post-Operative Care ● Intraoperative Surgical Techniques (including Minimally Invasive Surgery) ● Management of Complications | 18 |
| | Advanced Obstetrics and Gynaecology 12 months | Maternal Fetal Medicine | 3 |
| | | Gynaecological Oncology | 3 |
| | | Urogynaecology | 3 |
| | | Reproductive Medicine | 3 |
| | Optional posting | Paediatric and Adolescent Gynaecology | Flexible duration |
| *Duration of training per year is 48 weeks. | | | |

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| <p>4) Assessments</p> <p>(Standard 2.2.1)</p> | <p>Assessments should</p> <ol style="list-style-type: none"> 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. |
| <p>5) Additional requirements for completion of training</p> <p>(Standard 1.2.4)</p> | <ol style="list-style-type: none"> i. Completion of graduate-level research or clinical audit project. ii. Satisfactory completion of required courses which includes: <ul style="list-style-type: none"> ● Basic Practical skills workshop ● Basic suturing course ● Basic ultrasound course ● Breastfeeding Health Initiative Course ● Good Clinical Practice certification ● Neonatal Resuscitation Programme ● 3rd and 4th degree perineal repair workshop ● Advanced Obstetric Life Support |
| <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> <ol style="list-style-type: none"> i. Diagnose, investigate and manage common O&G cases whilst considering social, health economics and preventive aspects. ii. Anticipate and manage complications iii. Work independently and in teams competently and professionally iv. Practice good ethical conduct v. Practice 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 O&G |

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| | <p>ix. Demonstrate exemplary leadership qualities in the multi-disciplinary team management of O&G cases</p> <p>x. Demonstrate an entrepreneurial mindset, creative problem-solving and resilience</p> <p><u>Specific specialty competencies</u></p> <p>Refer List of Specific Procedural and Surgical Competencies.</p> |
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List of Specific Procedural and Surgical Competencies*

At the end of the programme, the candidate must be able to:

| Obstetrics | Gynaecology |
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| <ul style="list-style-type: none"> - Perform level 2 ultrasound scan - Coordinate and manage labour ward in liaison with other healthcare professionals - Manage obstetric complications in pregnancy and labour eg antepartum haemorrhage, caesarean scar complications, maternal infection, maternal collapse - Manage medical disorders in pregnancy and labour eg hypertension, diabetes mellitus, thyroid problems, haematological problems, infective conditions - Manage maternal venous thromboembolism in pregnancy, labour and postpartum - Manage preterm labour and delivery including in utero transfer - Manage induction of labour - Manage breech and other fetal malpresentations and malpositions in labour - Manage multiple pregnancy - Interpret (Cardio-Toco-Gram) CTG and manage fetal acidemia including perform fetal scalp blood sampling - Advise on pain relief in labour - Conduct normal delivery - Manage delay in the first / second stage of labour - Conduct instrumental delivery - Perform caesarean section (simple and complex) and its complications - Manage complications of delivery eg | <ul style="list-style-type: none"> - Perform transabdominal and transvaginal pelvic ultrasound scan to diagnose gynaecological conditions - Perform office gynaecological procedures eg Pap smear, endometrial sampling, Intra-Uterine Contraceptive Device (IUCD) insertion, contraceptive implant insertion, pessary insertion, colposcopy - Manage medical termination of pregnancy - Manage complications of ovulation induction - Perform evacuation of uterus / suction curettage - Perform examination under anaesthesia diagnostic hysteroscopy / dilatation and curettage / polypectomy - Manage Bartholin's abscess/cyst - Perform excision biopsy of benign vulval lesion - Perform minor cervical procedures - Perform diagnostic laparoscopy - Perform simple therapeutic laparoscopy eg laparoscopic tubal ligation / salpingectomy - Perform laparotomy for ectopic pregnancy - Perform laparoscopy / laparotomy with oophorectomy / ovarian cystectomy - Perform myomectomy - Perform abdominal hysterectomy salpingo-oophorectomy - Perform vaginal hysterectomy - Perform adhesiolysis |

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| <ul style="list-style-type: none"> cord prolapse, shoulder dystocia, manual removal of placenta - Manage early neonatal resuscitation - Manage genital tract trauma - Manage massive obstetric haemorrhage - Manage puerperial problems eg sepsis, depression, breastfeeding problems - Manage maternal and perinatal mortalities | <ul style="list-style-type: none"> - Manage pelvic abscess (surgically / non-surgically) - Manage gynaecological perioperative complications - Assist effectively in complex gynaecological procedures and surgery in essential subspecialty areas |
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*This list is not exhaustive and new procedures may appear from time to time.

***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) - Obstetrics and Gynaecology (O&G) | | | | | | | | | |
|--|---|---|------------|---|--|-----------|----------|------------------------------------|---|
| 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) | <p>The diagnostic facilities and equipment requirement of the programme training centres must collectively be able to accommodate the following minimum requirement:</p> <p>i. Physical Facilities:</p> <table border="1"> <tr> <td>Facilities</td> </tr> <tr> <td>A hospital with general and subspecialty services in Obstetrics and Gynaecology</td> </tr> <tr> <td>Good internet connectivity and online library with Obstetrics and Gynaecology books and journals</td> </tr> </table> <p>ii. Equipment</p> <table border="1"> <thead> <tr> <th>Equipment</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>A basic clinical simulation centre</td> <td>1</td> </tr> </tbody> </table> | Facilities | A hospital with general and subspecialty services in Obstetrics and Gynaecology | Good internet connectivity and online library with Obstetrics and Gynaecology books and journals | Equipment | Quantity | A basic clinical simulation centre | 1 |
| Facilities | | | | | | | | | |
| A hospital with general and subspecialty services in Obstetrics and Gynaecology | | | | | | | | | |
| Good internet connectivity and online library with Obstetrics and Gynaecology books and journals | | | | | | | | | |
| Equipment | Quantity | | | | | | | | |
| A basic clinical simulation centre | 1 | | | | | | | | |

| | | <p>iii. Case Mix and Case Load</p> <p>The case mix and case load of the programme training centres must collectively be able to accommodate the following minimum requirements:</p> <table border="1"> <thead> <tr> <th>Areas</th> <th>Quantity (cases/trainee/year)</th> </tr> </thead> <tbody> <tr> <td>Deliveries</td> <td>150</td> </tr> <tr> <td>Gynaecology</td> <td>100</td> </tr> <tr> <td>Various levels of case mix or difficulties in the following fields: <ul style="list-style-type: none"> ○ Maternal Fetal Medicine ○ Gynae-oncology ○ Urogynaecology ○ Reproductive Medicine </td> <td style="text-align: center;">-</td> </tr> </tbody> </table> | Areas | Quantity (cases/trainee/year) | Deliveries | 150 | Gynaecology | 100 | Various levels of case mix or difficulties in the following fields: <ul style="list-style-type: none"> ○ Maternal Fetal Medicine ○ Gynae-oncology ○ Urogynaecology ○ Reproductive Medicine | - |
|--|---|---|-------|----------------------------------|------------|-----|-------------|-----|--|---|
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| 7 | <p>Minimum qualifications and experience of Head of Programme</p> <p>(Standard 6.2.2)</p> | <p>i. 5 years of working experience after national specialist registration</p> <p>ii. Experience in administration and/or academic management</p> | | | | | | | | |

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

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