

# Advanced Training Pathway: SRH

## Elective Module 3: Acute Gynaecology and Early Pregnancy

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### Curriculum Objective

To provide a framework on which to build expert training in the knowledge, clinical skills and professional attributes required to provide comprehensive high-level services in acute gynaecology and early pregnancy.

### Learning Outcomes

At completion of the Acute Gynaecology and Early Pregnancy Module the trainee should have demonstrable academic, clinical and professional skills relevant to comprehensive early pregnancy and acute gynaecological consultation and service delivery, to evidence-based standards, in the context of broader sexual and reproductive healthcare.

The trainee is expected to be able to:

- Conduct early pregnancy and acute gynaecological consultations taking account of the broader social and medical needs of each patient, to jointly make and implement an appropriate management plan acceptable to the patient.
- Demonstrate skills in diagnosing and managing the full range of early pregnancy and acute gynaecological conditions at a level which supports supervision and training of others as well as problem solving for difficult cases including referral where necessary.

### Learning & Assessment Requirements

Assessment	Detail	Requirement
Logbook	Consultations for the assessment, management and follow-up of women with miscarriage.	20
Logbook	Consultations for the assessment, management and follow-up of women with tubal and non-tubal ectopic pregnancy.	20
Logbook	Perform or assist in the surgical management of tubal and non-tubal ectopic pregnancy.	10
Logbook	Consultations for the assessment, management, and follow-up of women with acute pelvic pain and/or Pelvic inflammatory Disease (PID).	10
Logbook	Perform transvaginal ultrasound in the assessment of early pregnancy issues.	15

## Learning Competencies

Area of Learning	RANZCOG Roles	Teaching and Learning Support	Assessment
<b>Clinical Knowledge and Reasoning</b>			
<p><b><i>Conduct early pregnancy consultations</i></b></p> <p><i>Demonstrate knowledge and understanding of:</i></p> <ul style="list-style-type: none"> <li>The pathophysiology, epidemiology, diagnosis, management, and associated risks of early pregnancy issues, including: <ul style="list-style-type: none"> <li>Miscarriage</li> <li>Recurrent miscarriage</li> <li>Ectopic pregnancy</li> <li>Heterotopic pregnancy</li> <li>Gestational trophoblastic disease</li> <li>Concurrent adnexal mass</li> <li>Post-miscarriage PID</li> </ul> </li> <li>Clinical, histological, biochemical, and radiological findings in issues of early pregnancy.</li> <li>The changes in serum BhCG across the spectrum of early pregnancy presentations.</li> <li>Management of pregnancy of unknown location (PUL)</li> <li>The indications, efficacy, risks and follow-up of conservative management of miscarriage.</li> <li>The medical management of miscarriage including the pharmacology, routes of administration and their mechanisms of action, efficacy, risks, adverse effects and follow-up.</li> <li>The indications, efficacy, risks and follow-up of surgical management of miscarriage.</li> <li>The indications, efficacy, risks and follow-up of conservative management of ectopic pregnancy. The medical management of ectopic pregnancy including the pharmacology, route of administration and mechanisms of action, efficacy, risks, adverse effects and follow-up.</li> <li>The indications, efficacy, risks and follow-up of surgical management of ectopic pregnancy, including an understanding of appropriate route (laparoscopy / laparotomy) and mode (salpingectomy / salpingostomy) of procedure.</li> <li>Relevant local and international evidence-based guidelines.</li> </ul>	ME	Attachment to an established provider of early pregnancy services	Logbook 3MA Ultrasound course
<p><b><i>Conduct acute gynaecological consultations</i></b></p> <p><i>Demonstrate knowledge and understanding of:</i></p> <ul style="list-style-type: none"> <li>The anatomy, pathophysiology, epidemiology, clinical course, prognosis and associated risks of non-gynaecological and gynaecological differential diagnoses for acute abdominopelvic pain.</li> <li>The pathophysiology, epidemiology, diagnosis, management and associated risks of acute gynaecological issues, including: <ul style="list-style-type: none"> <li>Ovarian cyst accidents (torsion, rupture)</li> <li>PID Degenerating / prolapsing fibroid</li> <li>Hyperemesis gravidarum</li> </ul> </li> </ul>	SC ME PF	Attachment to an established provider of acute gynaecological services	Logbook 3MA

Area of Learning	RANZCOG Roles	Teaching and Learning Support	Assessment
<ul style="list-style-type: none"> <li>• Clinical, histological, biochemical and radiological findings in issues of acute gynaecology including those of haemorrhage and sepsis.</li> <li>• The range of available treatment modalities for the acutely unwell women, including: <ul style="list-style-type: none"> <li>○ Resuscitative measures</li> <li>○ Management of major haemorrhage</li> <li>○ Analgesia</li> <li>○ Antimicrobial chemotherapy</li> <li>○ Conservative and surgical treatment</li> <li>○ Hyperemesis gravidarum</li> </ul> </li> <li>• Select tests for the diagnosis of specific infections and understand the methodology of the test.</li> <li>• Interpret the results of microbiology investigations, including microscopy, culture and antibiotic sensitivity tests.</li> <li>• The principles of antibiotic treatment including mechanisms of action, the significance and implications of antibiotic resistance, and the role of antibiotic stewardship in the appropriate management of infection.</li> <li>• Relevant local and international evidence-based guidelines.</li> </ul>			
<b>Clinical Skills</b>			
<p><b><i>Conduct early pregnancy consultations</i></b></p> <p><i>Be able to:</i></p> <ul style="list-style-type: none"> <li>• Undertake comprehensive assessment, management and follow-up of miscarriage, including: <ul style="list-style-type: none"> <li>○ history and examination</li> <li>○ resuscitative measures where needed including the management of major haemorrhage</li> <li>○ information provision regarding relevant treatment modalities and their indications, efficacy and risks</li> <li>○ arrange conservative, medical or surgical management and follow up planning with the patient</li> </ul> </li> <li>• Undertake comprehensive assessment, management and follow-up of both tubal and non-tubal ectopic pregnancy, including: <ul style="list-style-type: none"> <li>○ history and examination</li> <li>○ resuscitative measures where needed including the management of major haemorrhage</li> <li>○ information provision regarding relevant treatment modalities and their indications, efficacy and risks</li> <li>○ arrange conservative, medical or surgical management and follow up planning with the patient</li> </ul> </li> <li>• Perform and correlate appropriate investigations, including serum BhCG and transvaginal ultrasound, to guide decision making.</li> <li>• Diagnose and manage pregnancies of unknown location.</li> <li>• Diagnose and manage heterotopic pregnancies.</li> <li>• Diagnose, manage and arrange appropriate follow-up for gestational trophoblastic disease.</li> <li>• Diagnose, assess and arrange appropriate follow-up for recurrent miscarriage.</li> </ul>	PF ME SC	Attachment to an established provider of early pregnancy services	Logbook 3MA

Area of Learning	RANZCOG Roles	Teaching and Learning Support	Assessment
<ul style="list-style-type: none"> <li>Negotiate referral pathways for any management not to be undertaken personally by the trainee.</li> </ul>			
<p><b><i>Conduct acute gynaecological consultations</i></b></p> <p><i>Be able to:</i></p> <ul style="list-style-type: none"> <li>Undertake comprehensive assessment, management and follow-up of acute gynaecological issues such as the acute abdomen, pelvic infection, ovarian cyst accidents and fibroid complications, including: <ul style="list-style-type: none"> <li>history and examination</li> <li>resuscitative measures where needed including the management of major haemorrhage and sepsis</li> <li>information provision regarding relevant treatment modalities and their indications, efficacy and risks</li> <li>arrange conservative, medical or surgical management and follow up planning with the patient</li> </ul> </li> <li>Perform surgical management of acute ovarian accidents, including laparoscopic de-torsion and ovarian cystectomy, and pelvic abscesses.</li> <li>Negotiate referral pathways for any procedures or management not to be undertaken personally by the trainee.</li> </ul>	ME SC HA	Attachment to an established provider of early pregnancy services	Logbook 3MA
<b>Professional Skills</b>			
<p><i>Be able to:</i></p> <ul style="list-style-type: none"> <li>Perform appropriate and rapid decision making whilst demonstrating high level communication and teamwork skills.</li> <li>Counsel sensitively about diagnoses and associated health issues ensuring respect for privacy, confidentiality and social and cultural diversity.</li> <li>Explain clearly and openly treatment regimens and potential side effects.</li> </ul>	SC CL CM	Attachment to an established provider of acute gynaecological/ early pregnancy services	6MA MSF CBD

## Glossary of terms

RANZCOG Roles	
ME	Medical Expert
CM	Communicator
CL	Collaborator
LD	Leader
HA	Health Advocate
SC	Scholar
PF	Professional

Teaching and Learning Strategies	
TLS	Teaching and Learning Support
eLM	eLearning module
ST	Supervised Training
HEP	Hospital Education Program (include here any hospital meetings, case reviews etc. that would be relevant)
RP	Research Project

Assessments	
LB	Logbook
3MA (Formative)	3 monthly assessment All ATMs are required to include a regular in-training appraisal, conducted 3 monthly, to be undertaken by the Training Supervisor. This should provide an opportunity to discuss aspects of the training and assessment that have been undertaken within the 12-week period of training
6MA (Summative)	6 monthly assessment All ATMs are required to include a regular in-training assessment, conducted 6 monthly, to be undertaken by the Training Supervisor. This should provide an opportunity to discuss aspects of the training and assessment that have been undertaken within the 6-month period of training
TSR	Training Supervisor Reports
DOPS	Directly Observed Procedural Skills
MSF	Multi Source Feedback
CBD	Case-based discussion
MSF	Multi Source Feedback
APSS	Assessment of Procedural Surgical Skills

## Version Register

Version	Date of Version	Pages revised / Brief Explanation of Revision
1	Nov 2022	Creation