

Subject Topic	Assessment and Management of the patient presenting to the Emergency Department with bleeding in the first trimester of pregnancy
Framework Profile	
Simulation learning objectives	<ul style="list-style-type: none"> • Approach to the woman in early pregnancy presenting to the emergency department • Assessment of vaginal bleeding • Exclusion of ectopic pregnancy • Diagnostic testing in early pregnancy • Management of miscarriage and ectopic pregnancy.
Target Group	Nursing and Medical Students and Junior Staff
Delivery method	Power point presentation followed by simulated learning with actor patient.
Timeframe	60 minutes
Resources for session	<p>Telephone number for SCSSC (or local faculty if available) so that participants are able to phone the appropriate services as needed</p> <p>Telephone number for host site so that Rhesus D status can be given over the phone to the participants</p> <p>Any information leaflets that are available in the host ED.</p> <p>Telephone</p> <p>EdWISE Obstetric module equipment list</p>

This project was possible due to funding made available by Health Workforce Australia

Session Structure - EdWISE PROGRAM – <i>Obstetric Module 1</i>		
Timing	Welcome and Introduction	Resource
5 mins	<p><i>Welcome and Introduction</i></p> <ul style="list-style-type: none"> • Provide Housekeeping – Fire Exits, mobile phones on vibrate • Provide a summary of what the workshop will involve and the expectations from the participants • Introduce yourselves - facilitation team, host team and participants. Include experience of cardiac patients <p>If this is not the first module run on that day, the participants are the same and this has been covered previously, then this section can be missed out.</p>	<p>Video conferencing unit</p> <p>Enough seats for the participants and arranged in a horseshoe facing the VC unit and camera.</p> <p>Led by the team over VC but with host team supplying information on the fire exits/toilets/etc.</p>
Timing	Main Topic Presentation	
20 mins	Power Point presentation on Bleeding in Early Pregnancy	PowerPoint presentation
Timing	Familiarisation to Simulation	
5 mins	<ul style="list-style-type: none"> • Introduce students to concept of the simulated patient, including role playing, safe examination and boundaries discussed with the faulty actor prior to the session. • Include discussion about location of telephones and how to perform investigations. • If to use manikin - Introduce students to mannequin & capabilities, including difficulties with communication over distance. 	Local faculty to familiarise the students to the environment/ mannequin/actors. Can use the familiarisation video, to guide the local faculty, if needed.

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Timing	Simulation
15 mins	<p>Participant Briefing You have been asked to assess Flora MacDonald who is a 27 year-old primipara, who presents with vaginal bleeding.</p> <p>Scenario outline Flora is 5 weeks pregnant in her first pregnancy. She presents to the ED with PV bleeding. The scenario focuses around communication with Flora, organisation of appropriate care and follow-up. Flora’s observations remain “stable” throughout the scenario. She is distressed and worried. A focused history, examination and investigations should be performed.</p>
Timing	Debrief
10 mins	<p>Key clinical issues: Structured approach to the patient with PV bleeding – Stable Vs Unstable Abdominal examination in early pregnancy Knowledge of blood tests to take from a patient with early pregnancy PV bleeding</p> <p>Key non technical issues: Communication with patient – information about causes of PV bleeding, potential miscarriage, EPAS/GP follow-up, vaginal ultrasound Arrange for the patient to visit EPAS/GP the next day as per department protocols.</p>
Timing	Summary
5 mins	<p>Assessment of early pregnancy should begin with determining haemodynamic stability.</p> <p>Ectopic pregnancy is a potentially life threatening diagnosis.</p> <p>Expectant, Medical or Surgical treatment may be appropriate.</p> <p>Communicate compassionately with the woman and her partner.</p>

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