

## **Small Group Teaching – Bleeding in Early Pregnancy/PPH**

It is 1600hrs at your tertiary ED. You are seeing a 22 year-old woman who presents with lower pelvic pain and PV bleeding.

Her vital signs are:      GCS 15      HR 90 /min      BP 120/80 mmHg

- (1) Describe your assessment of this woman.
- (2) Her last menstrual period (LMP) was 6 weeks ago. The patient's quantitative  $\beta$ -HCG is 1200 IU/L. A trans-vaginal ultrasound reveals no intrauterine gestational sac, no adnexal mass and no free pelvic fluid. Discuss these findings.
- (3) What is your approach to the disposition of this patient.
- (4) The patient's blood group returns as O negative. Discuss your management of this finding.
- (5) The patient was appropriately discharged. She returns 2 weeks later with further PV bleeding and an ultrasound showing intrauterine foetal demise. She is upset and angry, alleging poor care during her first visit. Outline your approach to this situation.

A 32 year old woman presents to ED having just delivered a baby at home. Baby is well. The mother is having heavy PV bleeding Her vitals are : HR 120, BP 95/50

1. Discuss your initial assessment and differential diagnoses?
2. What is your initial management?

You assess a 16 year old female in your emergency department. She presents with lower abdominal discomfort and per vaginal bleeding (volume less than normal menses) of 24 hours duration. She thinks she may be pregnant based on one missed period (LNMP 5-6 weeks), but has not previously sought medical care in relation to this. She is haemodynamically stable.)

- (1) What is the ROLE of urine pregnancy test in this patient?
- (2) Her URINE pregnancy test is POSITIVE. What is the role of vaginal examination in this patient?
- (3) The patient's  $\beta$ HCG is 5000 IU which is consistent with her dates. How do you interpret this result in conjunction with ultrasound findings?
- (4) A transvaginal ultrasound shows a normal 6 week intrauterine pregnancy. The patient states she does not wish to continue her pregnancy. OUTLINE YOUR MANAGEMENT.
- (5) Her parents arrive and demand to know what is wrong with her. How will you approach this?