



# MSSBU OSCE PRACTICE

## CASE 3\_06\_02

### Station Vignette

You are a third-year student on GP rotation.

The GP has asked you to take a brief history from Josephine Broadbeach, a 25-year-old man who has come into the practice with severe abdominal pain.

#### **Vital signs:**

- **Temperature:** 37.1 degrees Celsius.
- **Blood pressure:** 110/60 mmHg.
- **Heart rate:** 95/minute.
- **Respirations:** 16/minute.
- **BMI:** 24 kg/m<sup>2</sup>.

#### **TASK**

You have a total of **7 minutes** to take a history.

This includes:

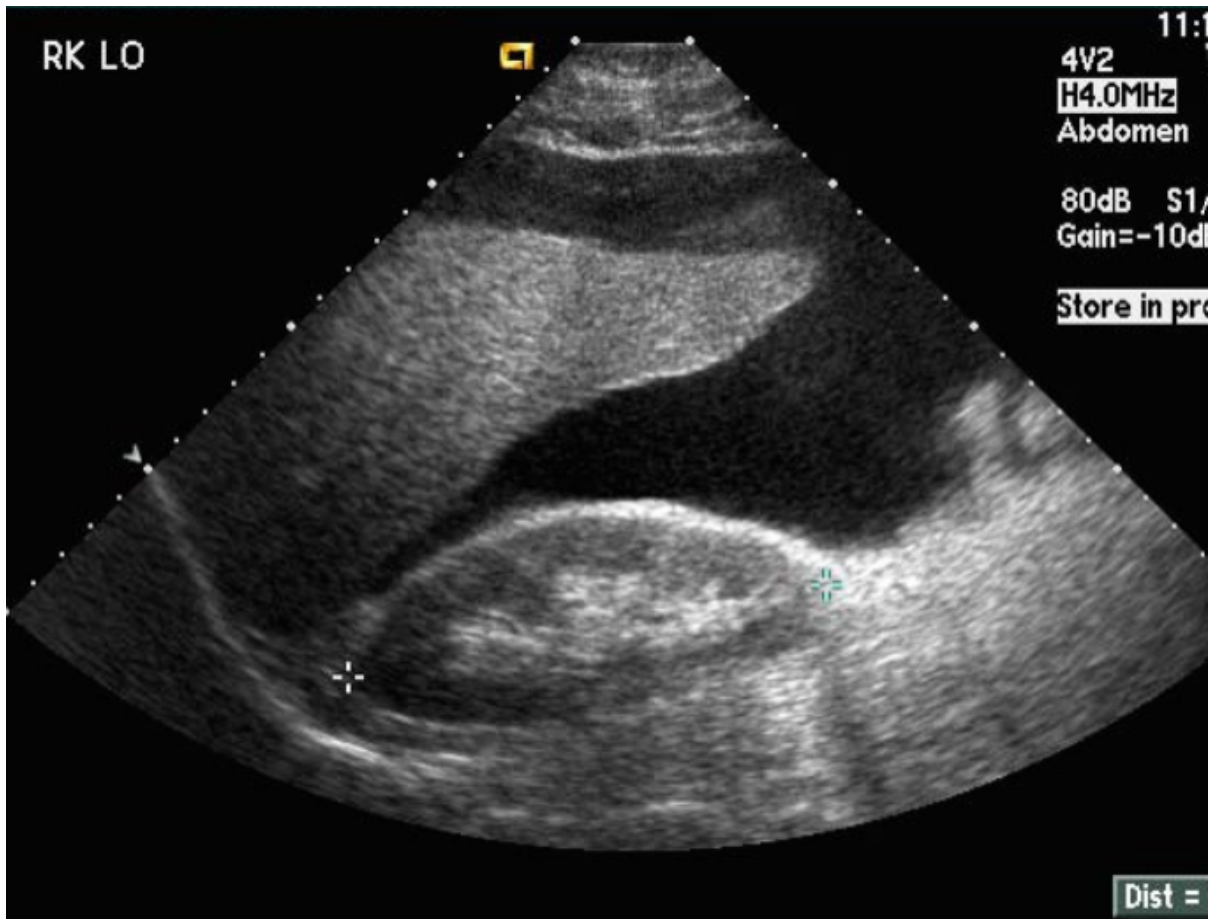
- History of presenting complaint
- Constitutional history
- Past medical history
- Medications history
- Social history
- Family history
- Focussed systems review.

At the end of the allotted time, you will have **1 minute** to answer the examiner's questions.

You do **NOT** need to complete a physical examination.

## EXAMINER QUESTIONS

1. List **three (3)** initial investigations that you would order for this patient?
2. Briefly interpret this transabdominal ultrasound.



3. State the **agent of choice** for the medical management of an ectopic pregnancy and the **type of surgery** performed for the management of an ectopic pregnancy in a haemodynamically unstable patient.

	Question	Patient Information	Mark
<b>Introduction</b>			
<b>Presenting complaint</b>		<input type="checkbox"/> Severe pain on the right lower side of the abdomen.	/1
<b>Pain history</b>	Site Onset Character Radiation Associated symptoms Timing Exacerbating/relieving factors  Severity	<input type="checkbox"/> <b>S</b> – Right lower abdomen. • – 2 days. <input type="checkbox"/> <b>C</b> – Sharp. <input type="checkbox"/> <b>R</b> – No radiation. <input type="checkbox"/> <b>A</b> – Associated with vomiting. <input type="checkbox"/> <b>T</b> – Constant. <input type="checkbox"/> <b>E</b> – Exacerbated by any movement, some relief with vomiting. <input type="checkbox"/> <b>S</b> – 8 out of 10.	/7
<b>General/constitutional history</b>	General health  Rashes Energy levels  Weight changes Appetite Diet  Night sweats, fevers, and chills  Sleep	<input type="checkbox"/> Generally been well but has been almost bedridden for the past 2 days. <input type="checkbox"/> No rashes. <input type="checkbox"/> Decreased energy due to pain. <input type="checkbox"/> No weight changes recently. <input type="checkbox"/> Greatly decreased appetite. <input type="checkbox"/> Diet normally includes all food groups. <input type="checkbox"/> Night sweats or chills not present. Has been feeling a little cold over the past day but has not measured temperature. <input type="checkbox"/> Sleep has been good overall, but pain has greatly impacted it over the past 2 days.	/8
<b>Systems review</b>	<b>Menstrual</b> <ul style="list-style-type: none"> <li>• Duration and amount.</li> <li>• Menarche.</li> <li>• Intermenstrual bleeding.</li> <li>• Post-coital bleeding.</li> <li>• Dysmenorrhoea.</li> </ul> <b>Sexual</b> <ul style="list-style-type: none"> <li>• Activity.</li> </ul>	<b>Menstrual</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Typically 4 to 6 days of bleeding with 25 days in between. Periods are regular.</li> <li><input type="checkbox"/> Bleeds through four tampons per day.</li> <li><input type="checkbox"/> Menarche at the age of 14.</li> <li><input type="checkbox"/> No bleeding between periods.</li> <li><input type="checkbox"/> No post-coital bleeding.</li> <li><input type="checkbox"/> Periods are painful for the first 2 to 3 days, but this settles.</li> </ul> <b>Sexual</b>	/16

	<ul style="list-style-type: none"> <li>• Type of sex.</li> <li>• Partners.</li> </ul> <ul style="list-style-type: none"> <li>• History of sexually transmitted infections (STIs).</li> <li>• Dyspareunia.</li> </ul> <ul style="list-style-type: none"> <li>• Discharge.</li> </ul> <ul style="list-style-type: none"> <li>• Contraceptive use.</li> </ul> <p><b>Obstetric</b></p> <ul style="list-style-type: none"> <li>• Past pregnancies.</li> <li>• Current pregnancy.</li> </ul> <p><b>Urinary</b></p> <p><b>Gastrointestinal</b></p> <ul style="list-style-type: none"> <li>• Pain.</li> <li>• Nausea and vomiting.</li> </ul>	<input type="checkbox"/> Sexually active, practices vaginal sex. <input type="checkbox"/> Has one regular partner. Have been practicing sex for the past 3 months. <input type="checkbox"/> Has been tested for STIs in the past but has never actually had one. <input type="checkbox"/> No pain on sexual intercourse. <input type="checkbox"/> Normal clear vaginal discharge. <input type="checkbox"/> On the combined oral contraceptive pill, and intermittently uses condoms.	
	<p><b>Obstetric</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Never been pregnant.</li> <li><input type="checkbox"/> Has not taken a pregnancy test since symptoms arose.</li> </ul> <p><b>Urinary</b></p> <p><i>No urinary symptoms.</i></p> <p><b>Gastrointestinal</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Pain is confined to the right lower abdomen.</li> <li><input type="checkbox"/> Has vomited around three times per day in the last 2 days. Vomitus was clear initially but has now turned green. No blood can be seen.</li> </ul>		
<b>Medications history and allergies</b>	<p>Prescribed, over the counter, and herbal remedies</p> <p>Allergies</p>	<input type="checkbox"/> No other medication other than the combined oral contraceptive pill. <input type="checkbox"/> No allergies.	/2
<b>Medical history</b>	Past and current medical conditions	<input type="checkbox"/> No past medical conditions.	/1
<b>Surgical history</b>	Surgical procedures	<input type="checkbox"/> No past surgical procedures.	/1
<b>Social history</b>	<p>Home situation</p> <p>Occupation</p> <p>Immunisations</p> <p>Substance use (smoking, alcohol, and recreational drugs)</p> <p>Travel</p> <p>Pets</p>	<input type="checkbox"/> Things are well at home. <input type="checkbox"/> Hairdresser (not too stressful). <input type="checkbox"/> Up to date with immunisations. <input type="checkbox"/> Never smoked, consumes 2 standard drinks per night on the weekends. Never taken any recreational drugs. <input type="checkbox"/> Not travelled anywhere recently.	/6

		<input type="checkbox"/> No pets at home.	
<b>Family history</b>	Parents' health  Conditions that run in the family	<input type="checkbox"/> Both parents alive and well. Mother suffered from endometriosis. <input type="checkbox"/> No conditions run in family.	/2
<b>Questions</b>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <b>Q1</b> – 3 of: Bedside: ECG, urine beta-hCG, and urinalysis. Blood investigations: FBC, LFTs, UCEs, and serum beta-hCG. Imaging: Pelvic and/or transvaginal ultrasound. <input type="checkbox"/> <b>Q2</b> – There is the presence of free fluid in Morrison's pouch (hepatorenal recess). The liver and kidneys themselves appear normal. <input type="checkbox"/> <input type="checkbox"/> <b>Q3</b> – Methotrexate is the medical agent of choice. A salpingectomy is usually performed if the patient is haemodynamically unstable.		/6
<b>Communication skills</b>	<input type="checkbox"/> Appropriate questioning style <input type="checkbox"/> Actively listens to patient <input type="checkbox"/> Systematic approach to history taking <input type="checkbox"/> Appropriate conclusion and summary		/4
<b>Global score</b>	Overall impression of candidate based on warmth, clarity and competence: 1 = fail 2 = borderline 3 = pass/expected 4 = good 5 = excellent		/5
<b>Total score</b>			/59
<b>Comments:</b>			