

OSCE

Candidate information

Your RMO has been seeing a 35 year old male who is usually fit and well. The patient was in hospital 2 weeks ago for a prostate biopsy after a suspicious lump was found by his GP. The pathology on the lump was benign.

Since the biopsy, he has had a productive cough, fevers up to 39°C, dyspnoea, and abdominal pain.

His GP has ordered a CXR and sent him in for management of presumed HAP (hospital acquired pneumonia).

Please discuss the case with your RMO and advise on management.

Domain	%
Medical expertise	60
Prioritisation and decision making	
Communication	20
Teamwork and collaboration	
Leadership and management	
Health advocacy	
Scholarship and teaching	20
Professionalism	

Infective endocarditis

Actor (RMO) information

You have been seeing 35 year old Peter who is usually fit and well. He was in hospital 2 weeks ago for a prostate biopsy after a suspicious lump was found by his GP. The pathology on the lump was benign.

Since the biopsy, he has had a productive cough, fevers up to 39°C, dyspnoea, and abdominal pain. His GP has ordered a CXR and sent him in for management of presumed HAP (hospital acquired pneumonia).

You have approached your consultant for advice on management. You have a CXR and interim bloods to show your consultant.

Of note, Peter has a loud systolic murmur on examination. This was not noted in his pre-biopsy assessment.

Prompts:

- What is the differential diagnosis for Peter?
- What other features of endocarditis should I look for?

Marking:

	Mark
Identifies likely endocarditis given history/findings	2
Correct investigation/management of endocarditis	2
Identifies risk factor of prostate biopsy	1
Accurate interpretation of blood results – haemolytic anaemia, elevated urea	1
Describes at least four clinical symptoms/signs of endocarditis	2
Interprets CXR accurately	1
Appropriate disposition - cardiology	1

Bloods (interim)

Peter JESKE (MRN 01534648)

Hb 94 (135-145)

WCC 13.1 (<11)

Urea 18 (<9)

Creat 84 (<120)

Haptoglobins 0.1 (0.3-2.0 g/L)

