

Examination – Notes for Actor

Patient demographics:

You are Selva, a 32-year-old male presenting to the emergency department with haemoptysis.

During the examination:

- Keep coughing

Examination – Notes for Candidate

Role: Foundation Year 1 doctor in the emergency department

This is Selva, a 32-year-old male who has presented to the emergency department with haemoptysis.

Please perform a RESPIRATORY examination. The examiner will tell you relevant signs as you go along.

You have 8 minutes to examine the patient, followed by a further 2 minutes where the examiner will ask you questions.

An invigilator will let you know when 8 minutes has elapsed.

Examination – Examiner marksheet

You will have to tell the student certain signs when they get to that stage of the exam (anything in quotation marks).

- Good professionalism throughout
 - Confident and well-practised examination with all steps and correct technique
 - Use an appropriate examination checklist like the University of Leicester checklist or Geeky Medics to mark examination steps.
 - Succinct presentation of the examination, including all positives and only relevant negatives + correct further assessments.
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- General inspection: patient has been instructed to cough. **“Patient looks very emaciated, a sputum pot at the bedside contains bloody sputum”**
 - Hands: Warm to touch
 - Pulses + JVP: No abnormalities
 - Face: No abnormalities
 - Trachea: No abnormalities
 - Inspection: No abnormalities
 - Palpation: **“patient feels very warm”**
 - Lymph nodes: **“enlarged anterior cervical chain on the left”**
 - Percussion: **“dullness over the left upper lobe”**
 - Auscultation: **“on auscultation you crackles in the left upper lobe and reduced vocal fremitus in the same region”.**
 - Final steps: **“emaciated patient”**

Q1: What is your diagnosis?

- **Tuberculosis (accept lung cancer but you would expect additional signs)**

Q2: What investigations would you like to order?

- **FBC + CRP – WCC + inflammation**
- **LFTs – baseline due to hepatotoxic TB medications**
- **HIV test (necessary in all TB patients)**
- **3x acid fast culture of the sputum (early morning samples)**
- **CXR – ghon focus/complex**
- **Visual acuity testing (ethambutol retinopathy)**

Q3: What is your management of this condition?

- **Isolation + RIPE antibiotic regime (with correct durations – RI 6/12 PE 2/12)**
- **Notify public health England**

Global Impression:

- Excellent
- Good
- Pass
- Borderline
- Fail

Patient Impression/comments: