

# Case 9

You are a Foundation Year 1 doctor at General Hospital working in the Emergency Department under consultant Dr Mathis.

Your bleep number 5431

## Patient details

Patient name: Doreen Smith  
Date of birth: 12<sup>th</sup> March 1940  
Patient number: X200321123

## History

Mrs Smith was brought in following a fall from standing at the care home where she resides. She is currently complaining of severe hip pain and is unable to stand.

Her past medical history includes hypertension, type 2 diabetes mellitus, chronic obstructive pulmonary disease, and breast cancer (15 years ago).

The patient's medications are amlodipine, metformin, and Seretide® (formetrolol and budesonide.) She has no known drug allergies.

## Observations

Oxygen saturations: 93% (room air)  
Respiratory rate: 19 breaths per minute  
Heart Rate: 110bpm  
Blood pressure: 146/94mmHg  
Temperature: 36.1°C

On examination the patient's left leg is shortened and externally rotated. The patient reports 9/10 pain on palpation over the greater trochanter of the left hip. There is a soft systolic murmur on auscultation, loudest over the aortic valve, and a slight bilateral expiratory wheeze.

Two wide bore cannulas are inserted and appropriate bloods are taken.

A bedside pelvic x-ray is ordered, which is shown below:

Patient: Doreen Smith  
DOB: 12/03/1940      Hospital #: X200321123  
Time: 09:50              Date: 04/05/2023  
Position: AP



*Case courtesy of Mark Holland, Radiopaedia.org, rID: 22056*

### **Task**

Please report the pelvic radiograph on hospital notepaper. You do not need to use a structured approach, but should highlight key features. Suggest the next steps in management.

