

Diagnostic Imaging 12 (Lateral MCP joint) for Unit 308

This station covers the following RCVS Day One Skills: 1.1, 1.2, 3.6, 6.1, 6.2, 6.3

This OSCE will be used to assess the awards indicated

Award	Award Reference	Pathway
7457 – Level 3 Diploma in Veterinary Nursing	600/6052/6	Small Animal
7457 – Level 3 Diploma in Veterinary Nursing	600/6052/9	Equine

Scenario

The owner of this horse reports that it has some swelling of its left front fetlock.

The veterinary surgeon has asked you to select and position appropriate protective and radiographic equipment to obtain a lateral radiograph of the left metacarpo-phalangeal joint.

Comment on whether the model horse is suitably positioned for this procedure.

The horse is lightly sedated and manually restrained by a groom who is adequately protected.

Note: you are not expected to set exposure factors, or to make an exposure.

Please tell the examiner when you are ready to take the exposure

Methodology: You will be expected to:	
1.	Select and put on X-ray gown
2.	Select and put on radiation dose meter
3.	Select X-ray gown for assistant, request that they put it on
4.	Select radiation dose meter for assistant, request that they put it on
5.	Select 1 pair X-ray gloves for assistant, and request that they put them on
6.	Select thyroid protector for assistant, and request that they put it on
7.	Select small or medium cassette
8.	Select appropriate cassette holder
9.	Place cassette in holder correct way round
10.	Label with patient identification and date
11.	L F markers in place
12.	Tube head lined up so primary beam centred over L metacarpo-phalangeal joint on lateral side of limb
13.	Tube head at 90° to metacarpo-phalangeal joint
14.	FFD approx 75 – 100cm
15.	Cassette in holder positioned on medial aspect of left metacarpo-phalangeal joint
16.	Assistant holding cassette holder standing in front of horse
17.	Cassette holder parallel to tube head
18.	Primary beam collimated to include distal metacarpus
19.	Primary beam collimated to include proximal short pastern distally
20.	Dorsal skin edge
21.	Palmar skin edge
22.	Labelling within primary beam
23.	Collimated area does not overlap edges of the cassette
24.	Correct positioning for radiograph of the left metacarpo-phalangeal joint. (to include necessary equipment)
25.	Correct centring and collimation

26.	Positioning of horse: candidate comments
27.	Maintain safe practice throughout