

## OSCE Code 7457-350 Diagnostic Imaging 11 (Metacarpophalangeal 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

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

### Scenario

This horse has been admitted to the clinic with suspected degenerative joint disease in its right metacarpophalangeal joint.

The veterinary surgeon has asked you to select and position appropriate protective and radiographic equipment to obtain a dorso-palmar radiograph of the right metacarpophalangeal joint to demonstrate this.

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

The horse is lightly sedated and manually restrained by an assistant 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

<b>Methodology: You will be expected to:</b>	
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.	R F markers in place
12.	Lateral marker in place
13.	Tube head lined up dorsal to limb so primary beam centred over middle of joint
14.	Tube head horizontal or angled down 5 – 10°
15.	FFD approx 75 – 100cm
16.	Cassette in holder positioned on palmar aspect of right metacarpo-phalangeal joint
17.	Cassette in holder parallel to tube head
18.	Assistant holding cassette holder standing on right side of horse
19.	Cassette in holder angled slightly from vertical so distal end nearer heel bulbs
20.	Primary beam collimated to include distal metacarpus III proximally
21.	Proximal short pastern bone (P2) distally
22.	Medial skin edges
23.	Lateral skin edges
24.	Labelling within primary beam
25.	Collimated area does not overlap edges of the cassette
26.	Correct positioning (to include necessary equipment)

27.	Correct centring and collimation
28.	Positioning of horse: candidate comments
29.	Maintain safe practice throughout