

7457-350 Diagnostic Imaging 08 (DV thorax) for Unit 308

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

This patient has been admitted to the surgery following a road traffic accident.

The veterinary surgeon has asked you to set up the equipment and position the patient to obtain a dorso-ventral radiograph of the thorax.

The dog is conscious.

Note: you are not expected to set exposure factors, change the focal film distance, 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 a suitable sized cassette |
| 2. | Place cassette correct way up on the table |
| 3. | Select stationary grid to fit the cassette |
| 4. | Place grid exactly on top of cassette |
| 5. | Grid correct way up |
| 6. | Patient placed in sternal recumbency |
| 7. | With thorax positioned over cassette |
| 8. | Sandbags or radiolucent trough placed to prevent lateral rotation of the body |
| 9. | Elbows drawn cranially |
| 10. | Forelimbs secured with sandbags |
| 11. | Sandbag placed over neck to secure the patient's head |
| 12. | Hind limbs flexed into normal crouching position |
| 13. | Tube head lined up so that the primary beam is positioned over the thorax <i>and</i> the cassette |
| 14. | L/R marker correctly placed |
| 15. | Label with patient identification and date |
| 16. | Primary beam centred over mid-thorax |
| 17. | Primary beam collimated to include: Manubrium/Thoracic inlet |
| 18. | Last rib |
| 19. | Lateral skin surfaces |
| 20. | Labelling within primary beam |
| 21. | Collimated area does not overlap edges of the cassette |
| 22. | Correct positioning for dorso-ventral radiograph of the thorax (to include all necessary equipment) |
| 23. | Correct centring and collimation |