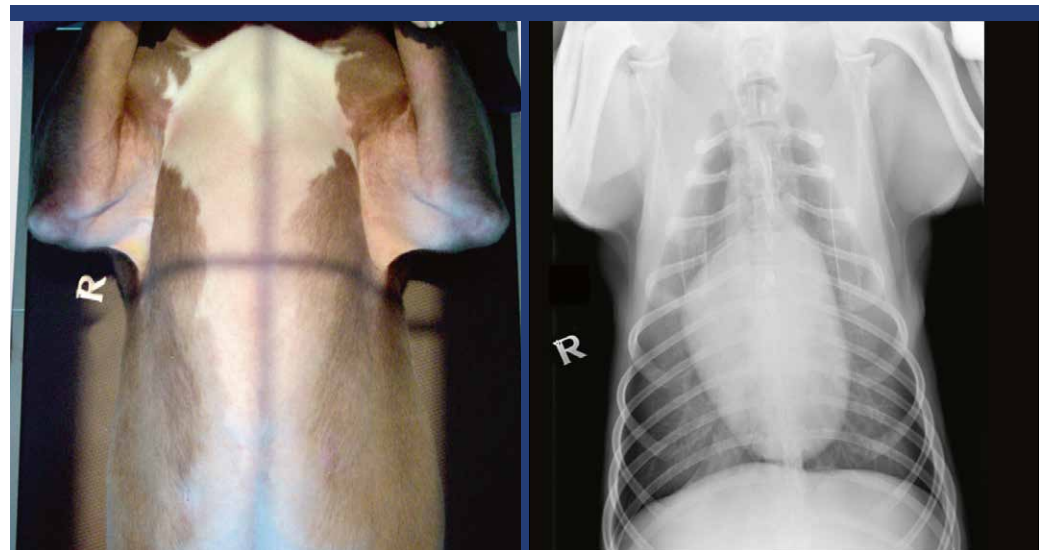
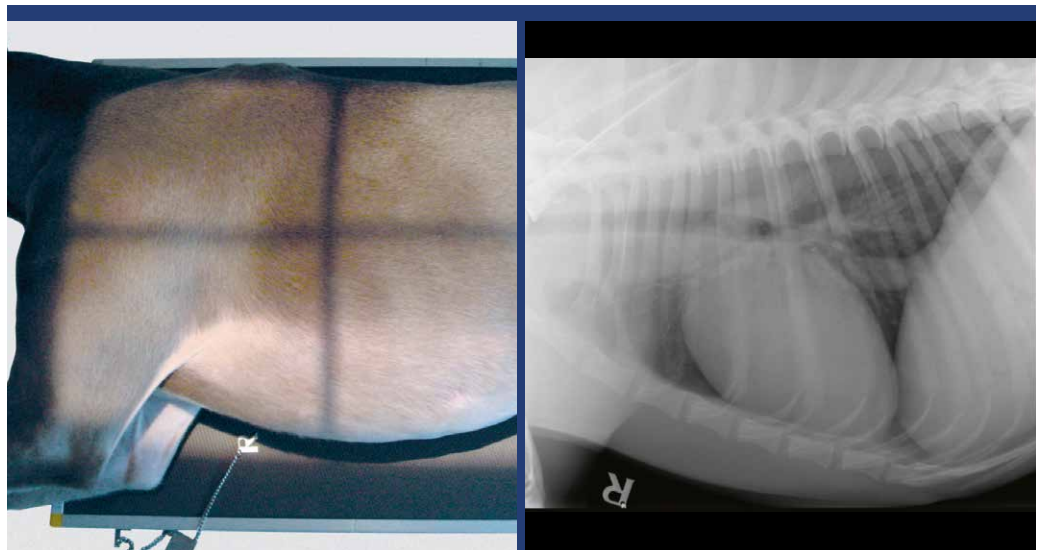


BCF guide for abdominal and thoracic radiographs



Thorax – Ventrodorsal (VD)

- Positioning**
- Dorsal recumbency
 - Extend forelimbs cranially
 - Support under the pelvic limbs with pads or sandbags
 - Ensure no rotation
 - Centre in mid line midway over thorax
 - Collimate to include thoracic inlet to diaphragm
 - Expose on full inspiration
 - Ensure L/R marker in primary beam



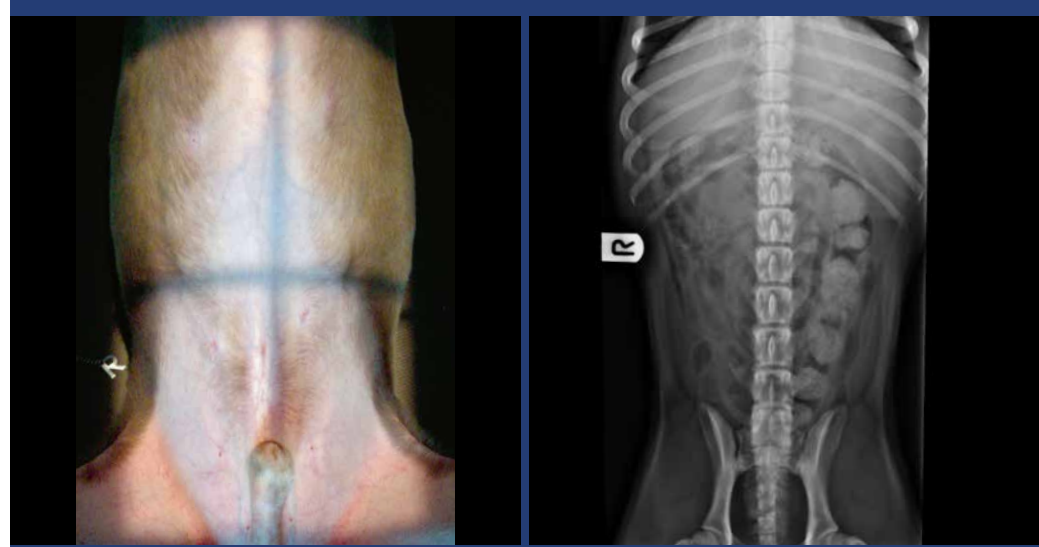
Thorax – Lateral

- Positioning**
- Lateral recumbency
 - Use foam pads to ensure thorax is parallel to the cassette
 - Extend forelimbs cranially
 - Centre over the heart (over 5th rib)
 - Collimate to include the thoracic inlet and all of the diaphragm
 - Ensure L/R marker in primary beam
 - Ensure you expose as the dog is in full inspiration
 - Ensure L/R marker in primary beam



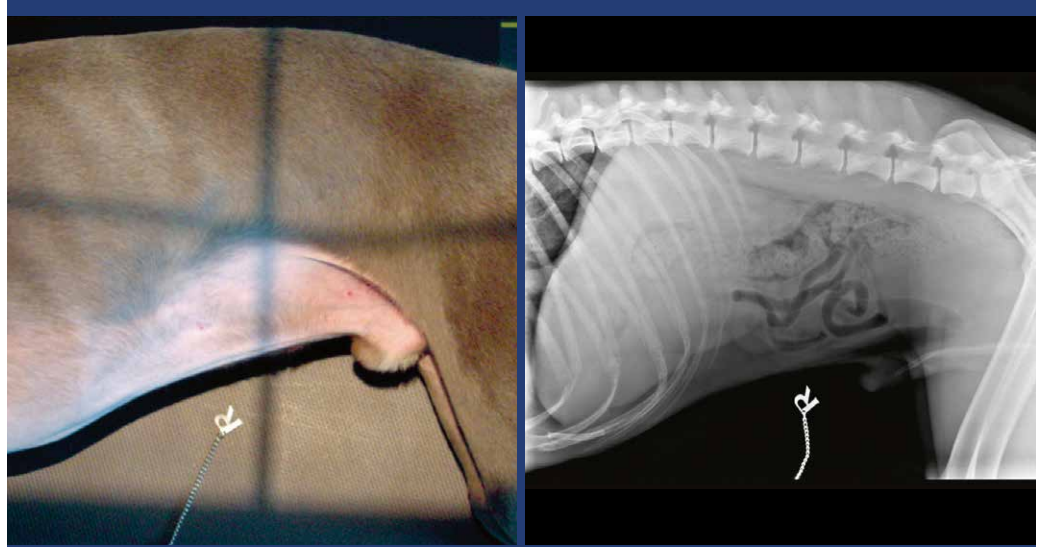
Thorax – Dorsoventral (DV)

- Positioning**
- Sternal recumbency, forelimbs extended cranially
 - Ensure not rotated – ensuring the head is straight can help
 - Position over the 6th thoracic vertebrae, in the mid line
 - Collimate to include the entire thorax (including the diaphragm)
 - Expose on full inspiration
 - Ensure L/R marker in primary beam



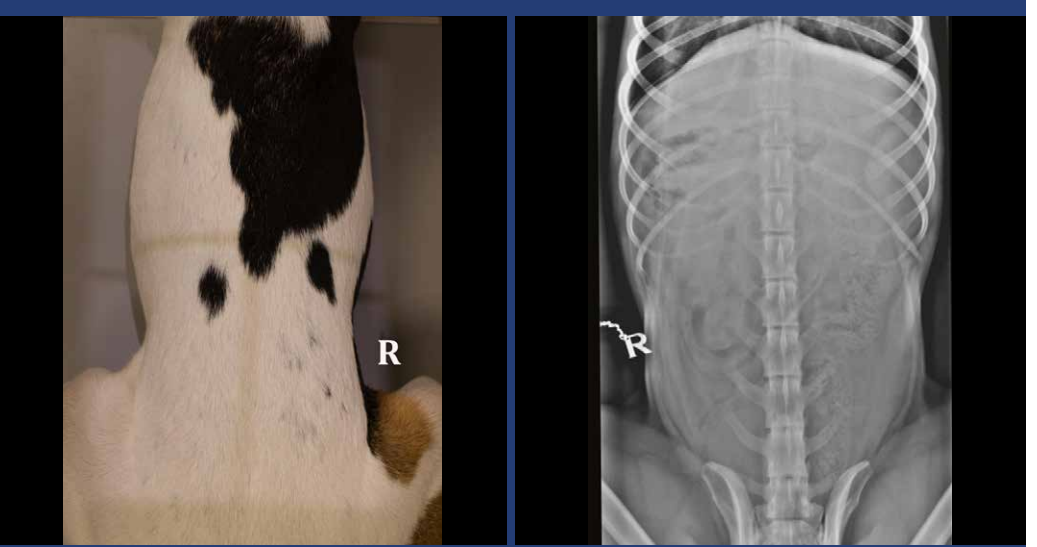
Abdomen – Ventrodorsal (VD)

- Positioning**
- Dorsal recumbency
 - Support the chest and pelvis to prevent rotation
 - Centre in the mid line caudal to the last rib
 - Collimate to include the diaphragm to pelvic inlet
 - Exposure on full expiration
 - Ensure L/R marker in primary beam



Abdomen – Lateral

- Positioning**
- Lateral recumbency
 - Extend forelimbs cranial, hind-limbs caudally
 - Pad beneath thorax to prevent rotation
 - Also pads between hind limbs to prevent pelvic rotation
 - Centre caudally to last rib, midway between the spine and ventral aspect of thorax
 - Collimate to ensure entire diaphragm to pelvic inlet is covered, and whole of abdomen ventrally
 - Expose when on full expiration
 - Ensure L/R marker in primary beam



Abdomen – Dorsoventral (DV)

- Positioning**
- Sternal recumbency
 - Extend forelimbs cranial
 - If sedated/GA extend hind limbs caudally, but a conscious dog may well tie with its legs as shown
 - Use sandbags as required to restrain
 - Centre in mid line (over spine) just caudally to costal arch
 - Collimate to cover diaphragm down to pelvic inlet
 - Expose on full expiration
 - Ensure L/R marker in primary beam

Further X-ray positional guides, training courses, and online learning resources available within the BCF Academy on the BCF website



X-ray views also built into the Vita Flex CR X-ray system software as standard – exclusively available from BCF Technology

www.bcftechnology.co.uk
www.bcftechnology.ie