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# **Veterinary Shoulder MRI Guide (v1)**

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## **Positioning**

- Spine Coil
- · Side of interest down
- Wedge under sternum
- Pull side up forelimb caudally
- Pull side down forelimb cranially until humerus is roughly perpendicular to sternum
- The idea is to get the forelimb in a relatively neutral position
  - PALPATE SHOULDER JOINT
  - NOTE WHICH COILS THE JOINT IS OVER
- 34 or 345 etc etc

### First steps before scanning

- 1. Register patient
- 2. Adjust patient position to be either Left or Right decubitus, depending on side of interest
- 3. Open first scout image
- 4. Change spine coil selection to match the coils you noted inside the room
- 5. APPLY ALL
- 6. When in doubt, choose more coils

#### Second scout

- Open scout
- 2. Maximize image
- 3. Click on 'report cursor'
- 4. Scroll through your images to find the shoulder joint on a transverse or a dorsal
- 5. Place cursor within the shoulder joint
- 6. Record the coordinates
  - Something like L30 P10 S20 etc
  - Will be different every patient
- 7. Input these coordinates with letters into the corresponding start/end points
- 8. Save, prep, scan



Axial Scout: Looks like dorsal spine

Dorsal Scout: Looks like axial spine



### What to look for on second scout

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