



PATIENT PRESENTING CLINICAL SIGNS

Duke Rice
 Duke began limping on his left hind left about 5-6 weeks ago. His left shoulder began to bother him as well shortly after the limping began. He has lost his appetite and has low energy levels. Duke is reluctant to walk to where the dog bowl is, which accounts for his loss of appetite, but will eat the food that is brought to him (eggs, bread, sweet potato, other human food). He's lost weight due to lack of appetite and movement being kept restricted. Sarah thinks he may have slipped a disk or hurt his back in some other way. Duke is known to play rough and the injury seemed to have occurred after running around with the other dogs in the yard. Sarah has been keeping him confined and rested hoping that may help. The Rimadyl she has been giving him does not seem to be helping either.

SPECIES

Canine

BREED

Labrador Retriever Mix

Abnormal PE/Chem/CBC/UA Results: Ambulatory X 4, VERY GUARDED AND POSTY IN REAR LEGS. MUSCLE ATROPHY OF REAR LEGS. BILATERAL STIFLE EFFUSION, MEDIAL BUTTRESS AND DRAWER. SPINE TENDER TO EPAXIAL PALPATION FROM TL TO SACRUM NO DISCOMFORT OR ATROPHY NOTED IN FRONT LEGS.

SEX

MN

RADIOGRAPHIC STUDY OF THE THORACIC&LUMBAR SPINE, FRONT LIMBS, AND HIND LIMBS

A complete set of radiographs of the spine, front and hind limbs is provided for review.

AGE

4 Years

RADIOGRAPHIC FINDINGS

The osseous and surrounding soft tissue structures of the thoracic spine are within normal limits. Superimposed on the ventral aspect of the neuroforamen L2/L3, a small convex shaped mineral opacity is seen.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

Both shoulder joints present smooth osseous margins and the surrounding soft tissue structures are within normal limits.

The contour of the medial coronoid process of both elbow joints is blurred and has a decreased density. The periarticular bones of both elbow joints are smooth.

HOSPITAL NAME

Elizabeth Animal Hospital

The osseous and surrounding soft tissue structures of the pelvis are within normal limits. Both coxofemoral joints present smooth osseous margins and congruent joint spaces.

The periarticular bones of both stifle joints present mild osteophyte new bone formation and a significant intracapsular swelling of both stifle joints is appreciated.

REFERRING VET

Leon Anderson, DVM

RADIOGRAPHIC DIAGNOSIS

- Mild degenerative osteoarthritis stifle joints bilaterally
- Marked articular swelling stifle joints bilaterally
- Mineralized material superimposed on the neuroforamen L2/L3
- Possible coronoid disease
- Normal shoulder joints

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

11-5-22

The articular swelling of the stifle joints in combination with the mild degenerative osteoarthritis can be caused by pathology of the cranial cruciate ligament ± meniscal disease. A potential would be arthritis – immune mediated versus infectious.



PATIENT

Duke Rice

A positive drawer sign or tibial compression test (under general anesthesia) can be used to confirm the diagnosis of pathology of the cranial cruciate ligament. A synovial tap can be used to rule out arthritis – based on the results of the tibial compression test/drawer sign.

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The mineralized material superimposed on the ventral aspect of the neuroforamen L2/L3 can be caused by lateral spondylosis formation or presents mild protrusion of mineralized disc material.

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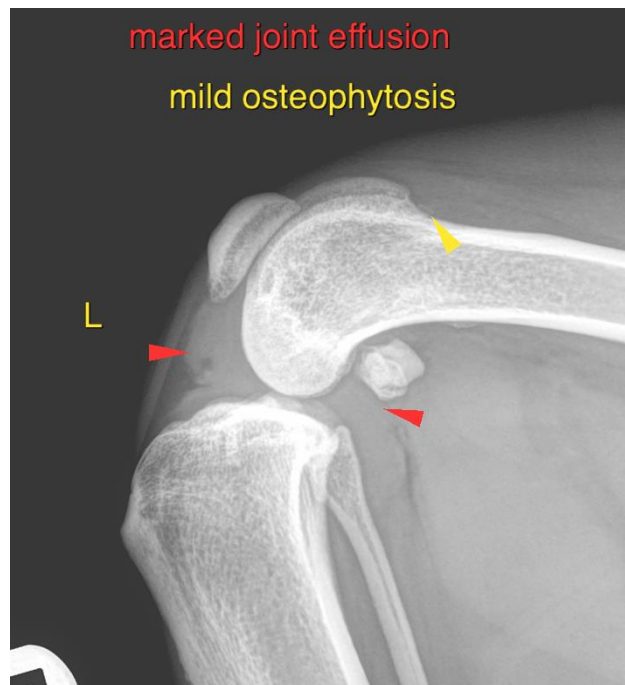
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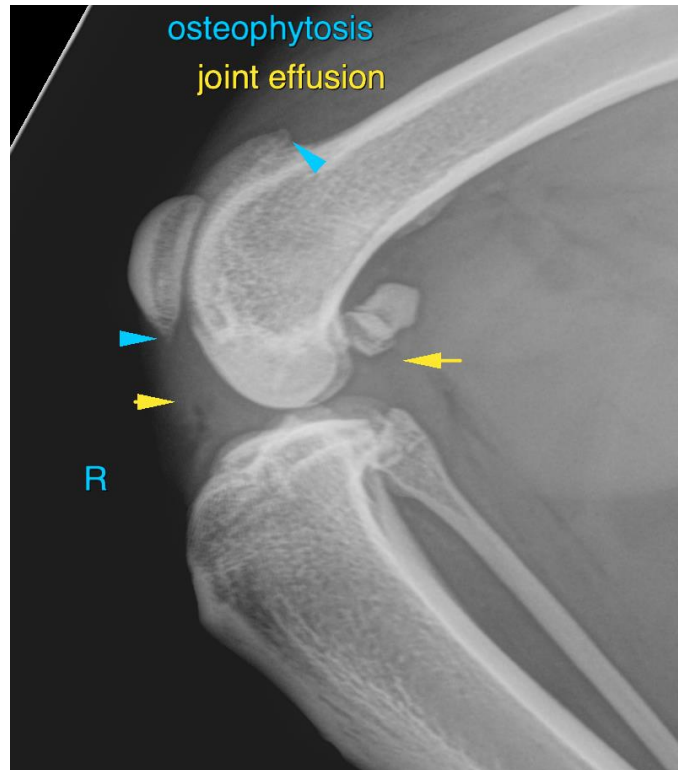
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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