



PATIENT PRESENTING CLINICAL SIGNS

Gus Burgess RFL Lameness on and off, inconsistent even with medications.

SPECIES CT STUDY OF THE ELBOWS & MAGNETIC RESONANCE IMAGING STUDY OF THE NECK

Canine Plain study of the elbows in soft tissue and bone windows and MRI study of the neck in T2 and T1 weighted, fat saturated, T1-plain and post contrast studies available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Miniature Schnauzer Decreased attenuation and a faint fissure line are seen in the tip of the right medial coronoid process. The base of the medial coronoid process presents sclerosis with loss of its trabecular bone pattern. A mild amount of periarticular osteophytes is seen.

SEX Mild deformity of the tip of the left medial coronoid process is present with no evidence of fissuring or fragmentation. Early periarticular bone remodeling is noted. The joint spaces are congruent. The subchondral bone surfaces are intact.
MN

AGE MAGNETIC RESONANCE IMAGING FINDINGS

8 Years Reduced signal intensity of the nucleus pulposus is seen within the discs C3/4, C4/5, C5/6, and C6/7.

INTERPRETED BY The vertebral end plate C6/7 present moderate sclerosis. Mildly asymmetric intervertebral disc space collapse is noted. There is protrusion of the dorsal annulus fibrosis of the intervertebral disc into the ventral epidural space with left sided accentuation. Mild dorsal deviation of the spinal cord is noted. No direct compression is seen. The dorsal and lateral subarachnoid space is continuously maintained. There is no evidence of signal alteration of the spinal cord.
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME Mild protrusion of the annulus fibrosis of the intervertebral disc C5/6 is noted as well. The changes are less pronounced compared with C6/7.

Animal Health Partners The visible brachial plexus presents within normal limits.

IMAGING DIAGNOSIS

- REFERRING VET**
- Medial coronoid disease of the right elbow with mild secondary osteoarthritis.
 - Early degenerative joint disease of the left elbow with no evidence of medial coronoid pathology.
 - Mild chronic intervertebral disc protrusion C6/7.
 - Mild chronic intervertebral disc protrusion C5/6.
 - Degenerative disc disease.
- Debbie Reynolds

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE The CT study reveals evidence of medial coronoid pathology and supports the presence of a fissure line within the right medial coronoid process. Mild secondary osteoarthritic changes are seen. Clinical significance of such changes in small breed dogs varies, however, there are cases where medial coronoid pathology is significant with regards to the clinical lameness.
6-4-22



PATIENT

Gus Burgess

The MRI study of the neck reveals chronic intervertebral disc protrusions between C6/7 and C5/6. C6/7 is more pronounced; however, both protrusions are mild and the protrusion at C6/7 is slightly more pronounced to the left of the midline within the ventral epidural space. Dynamic component of this protrusion cannot be ruled out entirely in theory, however, there is no evidence of signal alteration in terms of edema or gliosis of the spinal cord at the same level.

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

MN

AGE

8 Years

INTERPRETED BY

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HOSPITAL NAME

Animal Health
Partners

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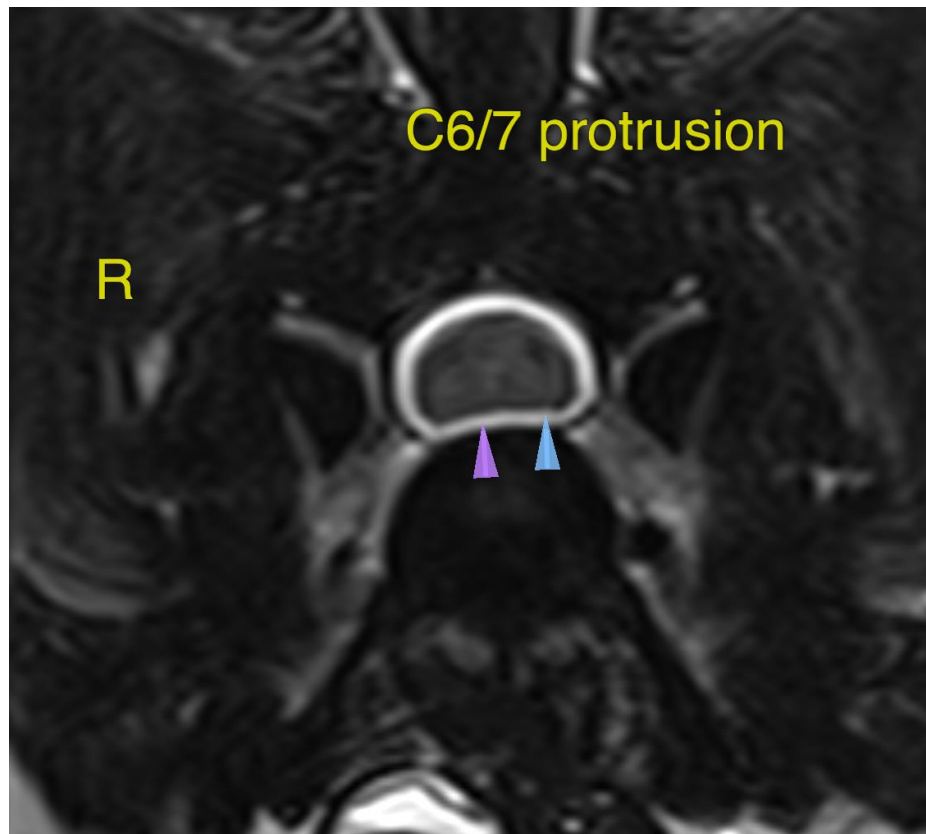
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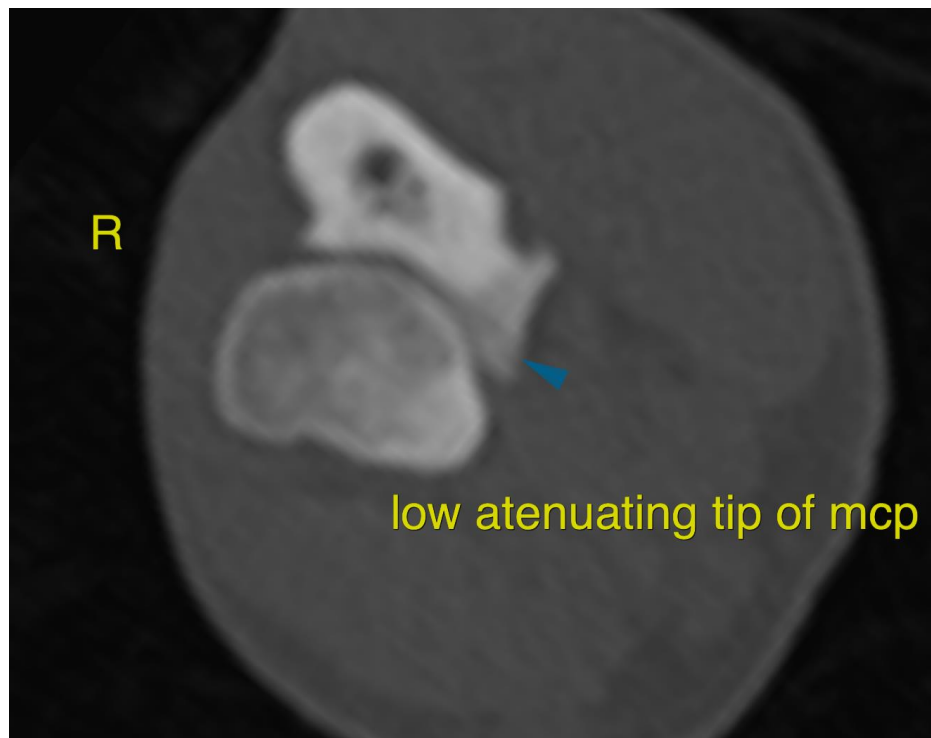
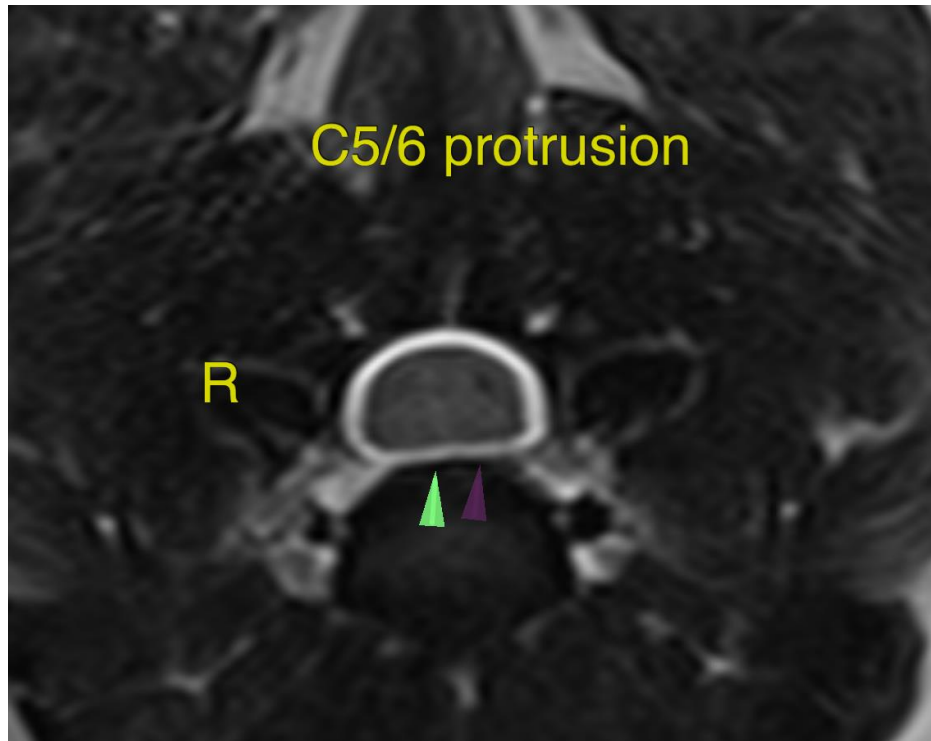
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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