



PATIENT PRESENTING CLINICAL SIGNS

Caesar Malko Acute progression of RF neuropathy over the past 72 hours. Severe to absent nociception RF. Acute UMN RF 11/12 and unable to stand. Painful on palpation of right humerus. CBC/SMAC overall wnl other than ALP 629 and lipase 2194. Currently being tx for aspiration pneumonia and hx of IBD that is currently well managed.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SPINE

Plain IV contrast and CT myelogram with cervical puncture are available for review.

BREED

Norwegian Elkhound
Mix

COMPUTED TOMOGRAPHIC FINDINGS

The alignment and anatomy of the vertebrae within the cervical spine are preserved. Potential intramedullary spinal cord swelling is seen at C3-4 on the myelogram with circumferential thinning of the thecal space. However, forward flow of contrast is not reduced overall at this level.

SEX

MN

No evidence of extradural, intradural or intramedullary space occupying effects is seen in the other segments of the cervical spine.

AGE

10yr

Moderate signs of tenosynovitis of the right biceps tendon is seen with peritendinous fluid accumulation, thickening and increased enhancement of the tendon sheath.

The brachial plexus presents within normal limits.

The intervertebral foramina are within normal limits.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Potential intramedullary swelling of the cervical spinal cord at C3-4 with mild circumferential thinning of the thecal space
- Moderate right biceps tenosynovitis.

HOSPITAL NAME

Animal Clinic
Northview

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

No gross disc herniation is revealed in the CT myelogram. The possible intramedullary swelling at C3-4 raises the consideration of ischemic myelopathy or other myelopathy including myelitis and infiltrative disease which however are less likely especially with acute onset of the clinical signs. Normal anatomic variation should be given consideration as well since the forward flow of the contrast media is overall maintained.

REFERRING VET

Dr Kitzel

Note the presence of tenosynovitis of the right biceps tendon sheath which may contribute to the clinical lameness as well.

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22946

Clinical correlation is required. MRI of the cervical spine is recommended especially in case of coexisting neurologic deficits.

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11/12/2025



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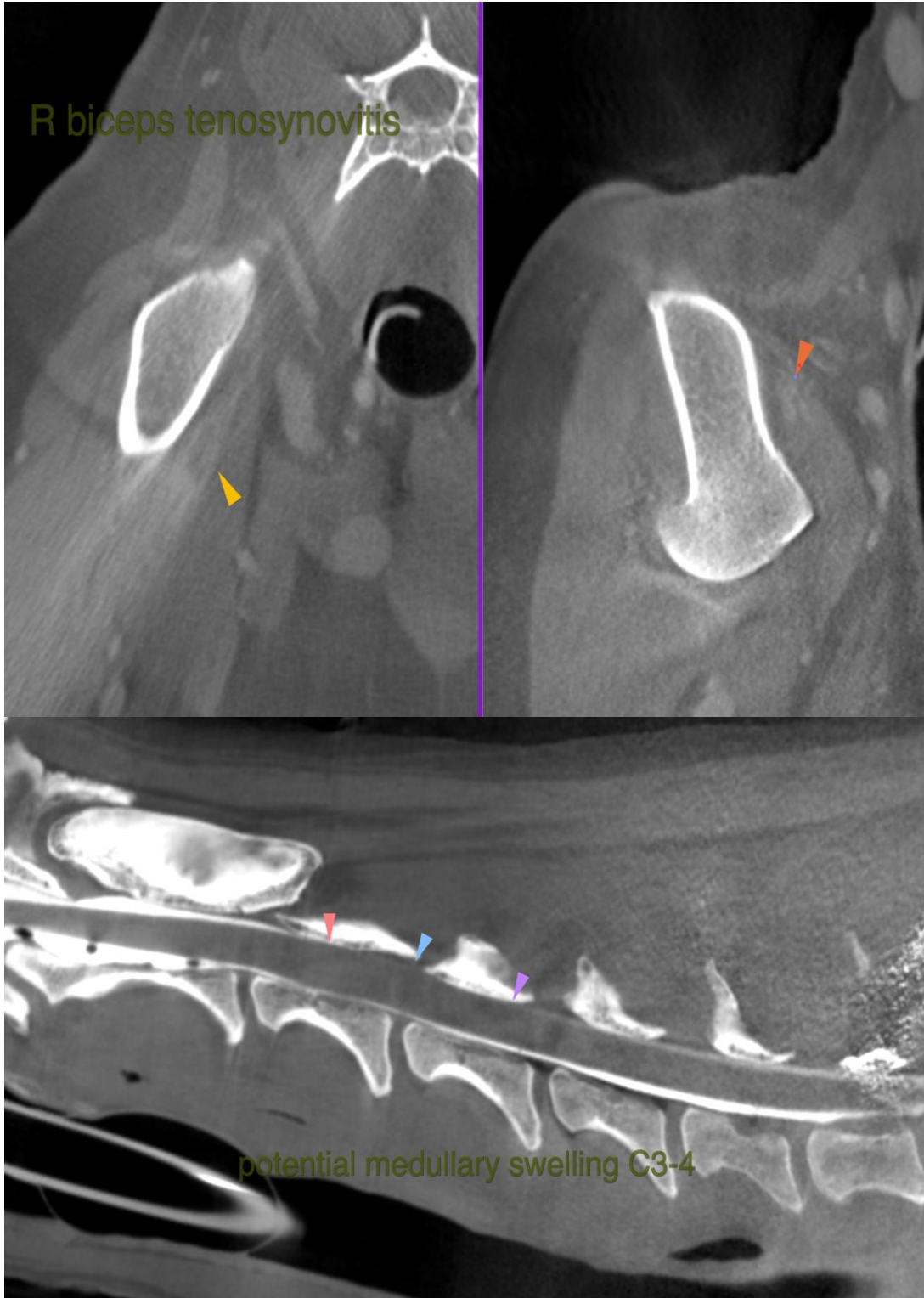
Dr Kitzel

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PATIENT

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

SPECIES

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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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