



PATIENT

Lupita Carrillo

SPECIES

Canine

BREED

Chihuahua

SEX

SF

AGE

13 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. R. Carrasquillo,
DVM

INVOICE

52289

DATE

6-2-22

PRESENTING CLINICAL SIGNS

History of a left front lameness treated medically with Rimadyl and gabapentin multiple times with improvement but relapses without medication. digital radiography a bone reaction is suspected at the lateral aspect of the left proximal humerus. r/o: left sided brachial plexus neoplasia

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE NECK & FRONT LIMBS

Plain and post IV contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A large irregular shaped tubular branching soft tissue attenuating mass is seen within the left brachial plexus. The mass measures approximately 8 cm in length and a maximum of 2 cm in diameter. The mass can be traced proximally from the brachial plexus area medial to the 1st left rib up to the level of the C7/T1 and T1/2 neuroforamina. The distal extent of the mass is approximately up to 2 cm proximal of the left elbow.

Severe atrophy of the left front limb musculature is noted.

No evidence of significant osseous abnormality of the front limbs is seen.

Mild collapse of the trachea is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left brachial plexus mass meeting neoplastic criteria with severe neurogenic muscle atrophy of the left front limb.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with left sided brachial plexus neoplasia such as peripheral nerve sheath tumor, neurofibrosarcoma, and less likely round cell neoplasia or other secondary neoplastic infiltrate. The degree of neurogenic muscle atrophy is severe. The enlargement of the brachial plexus nerves is not limited to the peripheral aspect of the nerves but also extends through the left C7/T1 and T1/2 neuroforamina.



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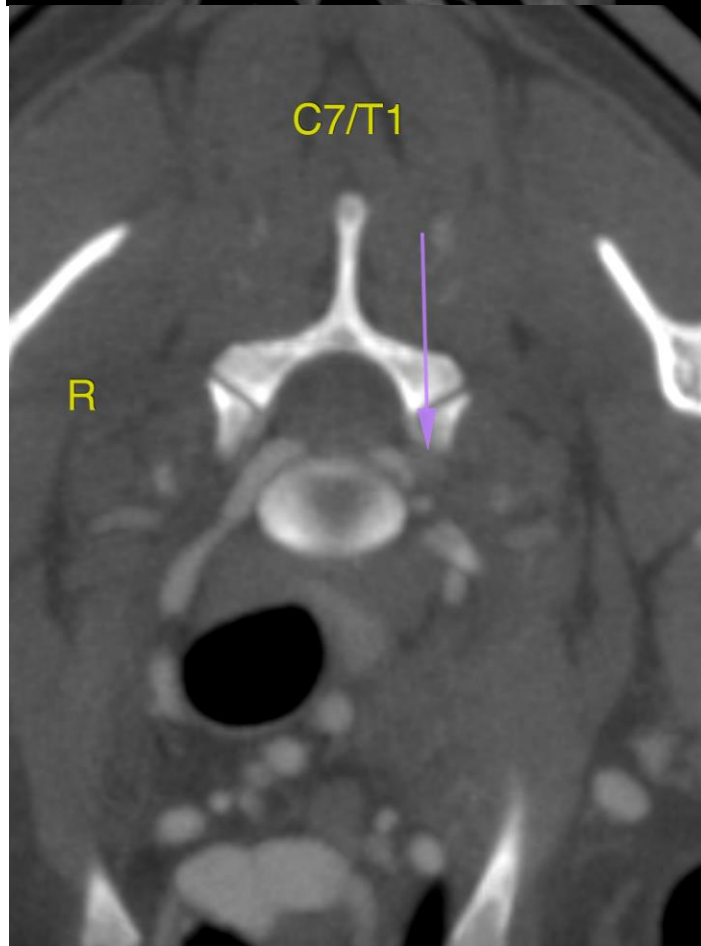
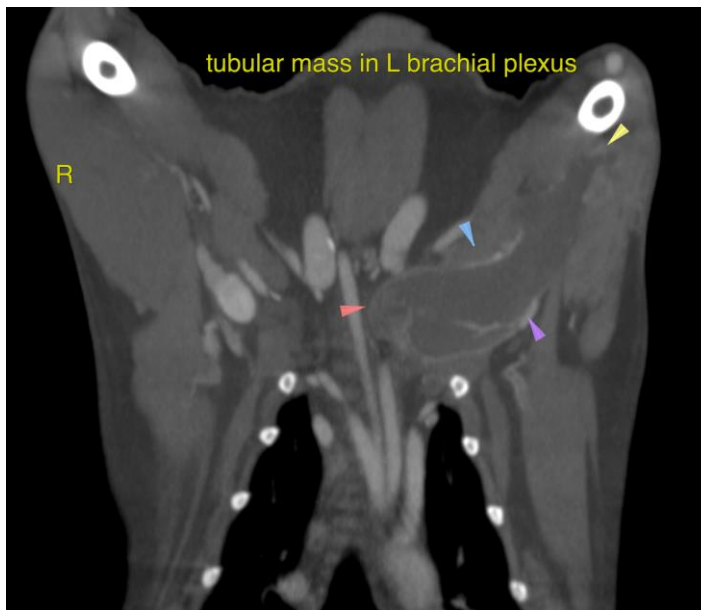
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

BREED

Chihuahua

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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