



PATIENT

Beauty Raines

SPECIES

Canine

BREED

Shepherd Mix

SEX

Spayed Female

AGE

7Y

WEIGHT

71lbs

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

EHAH

HOSPITAL NAME

East Hill Animal
Hospital

REFERRING VET

Davis AH

INVOICE

74903

DATE

5-5-26

PRESENTING CLINICAL SIGNS

Fast growing mass left shoulder. FNA- inconclusive.
Abnormal PE/Chem/CBC/UA Results: BW- WNL

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS (SHOULDER JOINTS)

Pre- and post-contrast series of the thoracic limbs and thorax are provided for review. One pre-contrast series of the shoulder joints and thorax, bone algorithm. One post-contrast series of the shoulder joints and thorax, soft tissue algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

THORACIC LIMBS (& THORAX)

There is a marked, elongated soft tissue attenuating mass centered within the left dorsal thoracic and scapular region, exhibiting intermuscular and intramuscular infiltrative features. The lesion demonstrates heterogeneous contrast enhancement with multifocal hypoattenuating internal regions admixed with enhancing soft tissue components.

The cranial aspect of the mass originates immediately caudal and dorsal to the left scapula. The lesion has a broad-based appearance and appears firmly adherent to the adjacent musculature and thoracic spinous processes.

In depth, the mass is located deep to the latissimus dorsi muscle and thoracic portion of the trapezius muscle. The lesion appears to involve, or infiltrate, the semispinalis thoracis and longissimus thoracis muscles, with suspected adhesion and/or extension into the levatores costarum and iliocostalis thoracis muscles.

No evidence of osseous invasion or aggressive periosteal reaction is identified.

The mass measures approximately 14.4 × 9.4 × 11.4 cm.

The adjacent left scapula is unremarkable.

The shoulder joints are partially collimated; within the included field of view, no abnormalities are identified.

Multifocal complete and incomplete bridging spondylosis deformans is present throughout the thoracic and thoracolumbar spine.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large infiltrative (inter and intramuscular) soft tissue mass involving the left dorsal thoracic/scapular musculature, with heterogeneous contrast enhancement and multifocal internal hypoattenuating regions, most consistent with soft tissue neoplasia. Differential diagnoses include soft tissue sarcoma.
- No evidence of adjacent osseous invasion identified on the present study.
- Multifocal thoracic and thoracolumbar spondylosis deformans.



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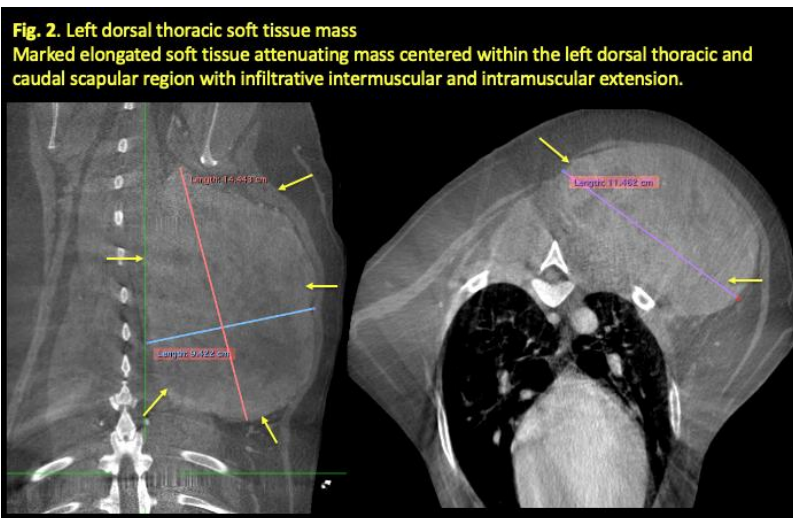
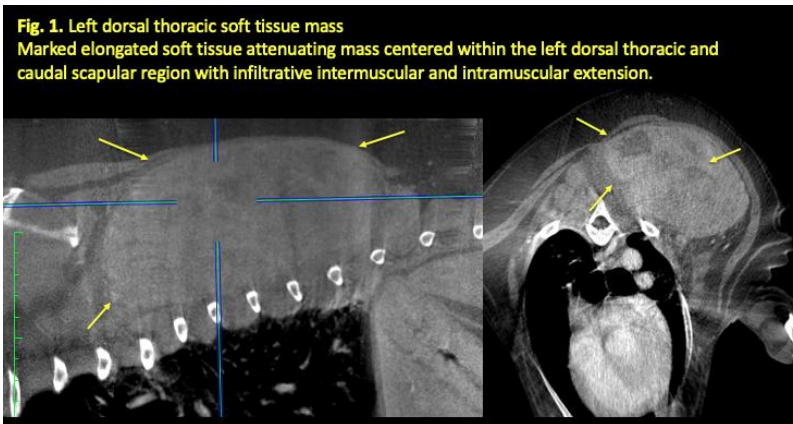
5-5-26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT examination demonstrates a large infiltrative soft tissue mass centered within the left dorsal thoracic and scapular musculature, with extensive intermuscular and probable intramuscular involvement. The lesion exhibits heterogeneous enhancement and internal hypoattenuating regions, likely representing necrosis and/or cystic degeneration. Imaging findings are highly suspicious for an aggressive soft tissue neoplasm, particularly a soft tissue sarcoma.

Although there is no evidence of osseous invasion on the current examination, the mass demonstrates extensive adhesion to and infiltration of adjacent soft tissues and epaxial musculature, which may complicate surgical resection and margin assessment.

Given the inconclusive fine-needle aspiration results, tissue biopsy for histopathology is recommended for definitive diagnosis and tumor grading. Surgical oncology consultation is advised prior to definitive treatment planning.





Teleradiology

Educational Teleconsultation Services™

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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.

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com