



PATIENT PRESENTING CLINICAL SIGNS

Sammie Kania Presented for a history of a right shoulder swelling and a limp. The shoulder swelling has been there for about 1 week. No other issues other than severe dental disease.
Abnormal PE/Chem/CBC/UA Results: normal

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND SHOULDERS, FOCUS ON RIGHT THORACIC LIMB

A pre- and post-contrast CT study of the thorax and thoracic limbs are provided for review totaling 2 series. One pre-contrast series of shoulders and scapula. One post-contrast series of the thorax.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Right thoracic limb

SEX

MN

AGE

8

An extensive, multilobulated soft tissue mass is seen involving the extra-skeletal connective tissues and the right scapula bone. The mass is located more dorsally in comparison to the shoulder joint, and it is affecting the supraspinatus muscle and a portion of the infraspinatus muscle. It is also contiguous to the serratus ventralis cervicis muscle and the rhomboideus thoracis muscle. In addition, the mass involves the right scapula, with a multifocal osteolytic and amorphous osteoproliferative periosteal reaction affecting almost all parts of the scapula, mainly in the supraspinous fossa and spine of the right scapula. The mass is heterogeneously enhanced, with the center predominately hypoattenuating, a septate hyperattenuating band, dystrophic internal mineralization, and an enhanced irregular border, like a pseudo capsule. The length of the lesion involves all the right scapula extensions. The mass effect measures at least 9.9 cm x 9.5cm x 6.3cm in length.

INTERPRETED BY

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

The right axillary lymph node is mildly enlarged and displaced laterally because of the soft tissue mass. It measures approximately 0.8cm by 0.5cm.

Within the shoulder joint, there is thickening and irregularity of the subscapularis muscle tendon and coracobrachialis muscle tendon.

HOSPITAL NAME

Northeast Veterinary Referral Hospital

Left thoracic limb

The scapula, shoulder joint, and proximal humerus are unremarkable.

The collimated cervical spine is unremarkable.

REFERRING VET

Dr. Runde

Thorax

The trachea is normal in luminal diameter and position.

INVOICE

58821

The lumen of the main bronchus is normal.

There is reduced volume expansion of the left caudal lung lobe and caudal subsegment of the cranial lung lobe, with ground glass attenuating appearance, and parenchymal band identification. Otherwise, the pulmonary parenchyma is normal in attenuation. No pulmonary nodules or masses are seen.

DATE

6-14-23



PATIENT Due to reduced left sided lung lobe expansion, an ipsilateral mediastinal shift is noted as well as a shift of the cardiac silhouette to the left hemithorax.

Sammie Kania

The size, shape, and contour of the cardiac silhouette are normal. The contrast media adequately fills the cardiac chambers and vessels on post-contrast series.

SPECIES

Feline

The mediastinal lymph nodes are unremarkable.

The pleural space and diaphragm are normal.

BREED

DSH

The collimated abdomen is normal.

The thoracic musculoskeletal structures are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SEX

MN

- Extensive regional infiltrative soft tissue mass within the right thoracic limb with osseous involvement. The entire right scapula is involved. The differential diagnosis includes neoplasms, for example, soft tissue sarcoma, mesenchymal neoplasms.

AGE

8

- Right-sided axillary lymphadenopathy, metastatic or reactive.
- Reduced volume expansion and mild focal ground glass attenuation appears in the left caudal lung lobe; the differential diagnosis includes passive atelectasis, or allergic lower airway disease, chronic bronchitis, infectious bronchitis, or pulmonary fibrosis.
- There is no evidence of pulmonary metastatic disease.
- There is no evidence of enlarged mediastinal lymph nodes.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The tomographic characteristic of the mass indicates an infiltrative disease in the right thoracic limb, with scapula and shoulder joint involvement and aggressive behavior. The differential diagnosis includes soft tissue sarcoma, mesenchymal neoplasms, for example, fibrosarcoma, myxosarcoma, leiomyosarcoma, rhabdomyosarcoma, perivascular wall tumor, or feline injection site sarcoma (FISS). An FNA or biopsy is required for diagnosis. Resectability is difficult.

HOSPITAL NAME

Northeast Veterinary Referral Hospital

Correlate the pulmonary findings with the clinical respiratory history of the patient. There is no evidence of pulmonary metastatic disease.

REFERRING VET

Dr. Runde

INVOICE

58821

DATE

6-14-23



PATIENT

Sammie Kania

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

8

INTERPRETED BY

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

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

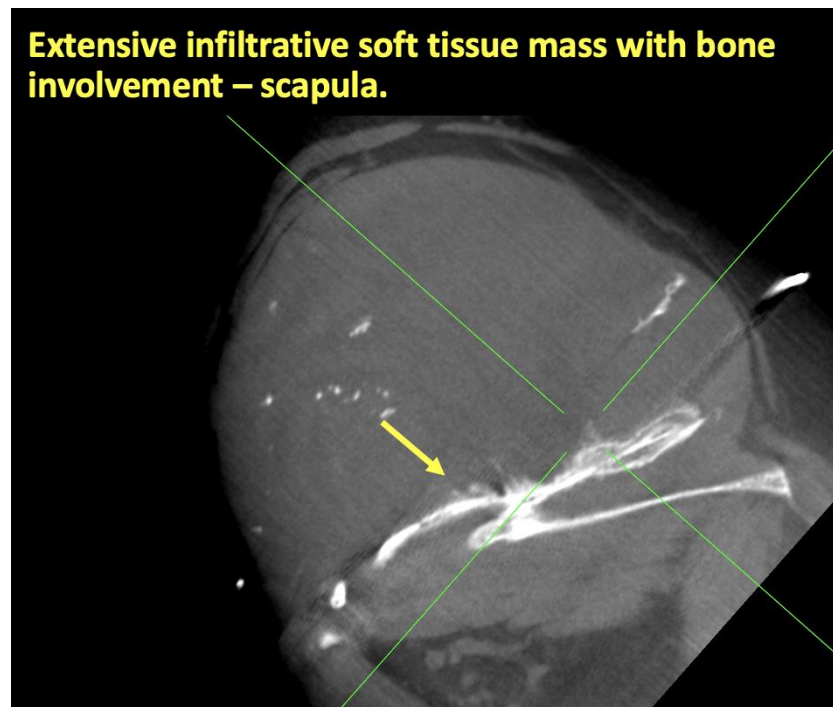
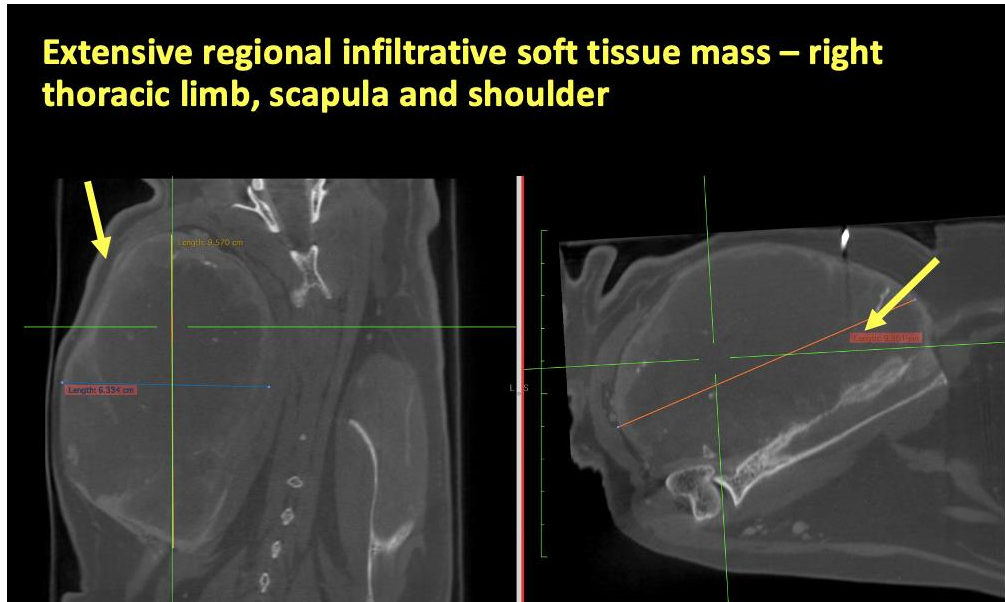
Dr. Runde

INVOICE

58821

DATE

6-14-23





PATIENT

Sammie Kania

SPECIES

Feline

BREED

DSH

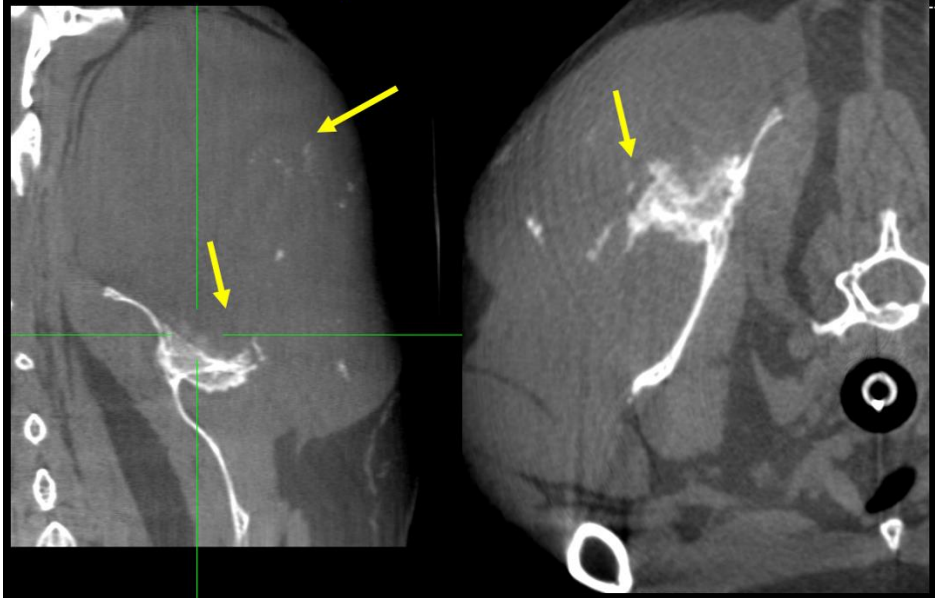
SEX

MN

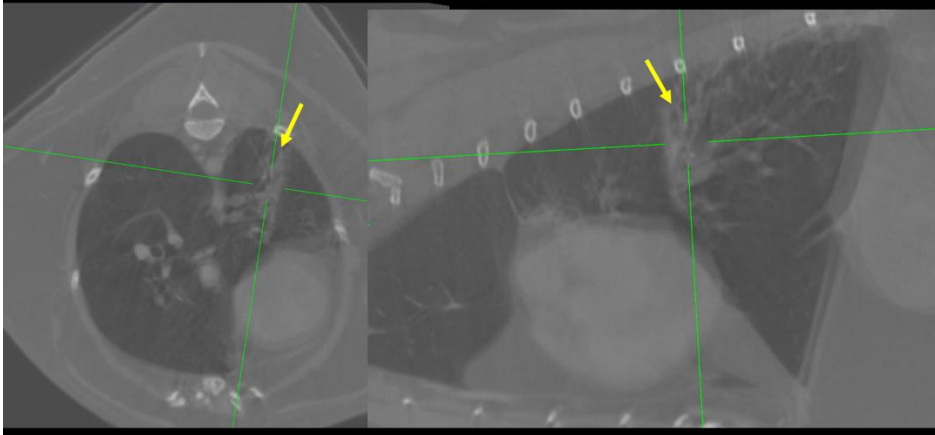
AGE

8

Extensive infiltrative soft tissue mass with bone involvement – scapula.



Pulmonary reduced of lung expansion and ground glass attenuation, left caudal lung lobe



INTERPRETED BY

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

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

Dr. Runde

INVOICE

58821

DATE

6-14-23



PATIENT

Sammie Kania

SPECIES

Feline

BREED

DSH

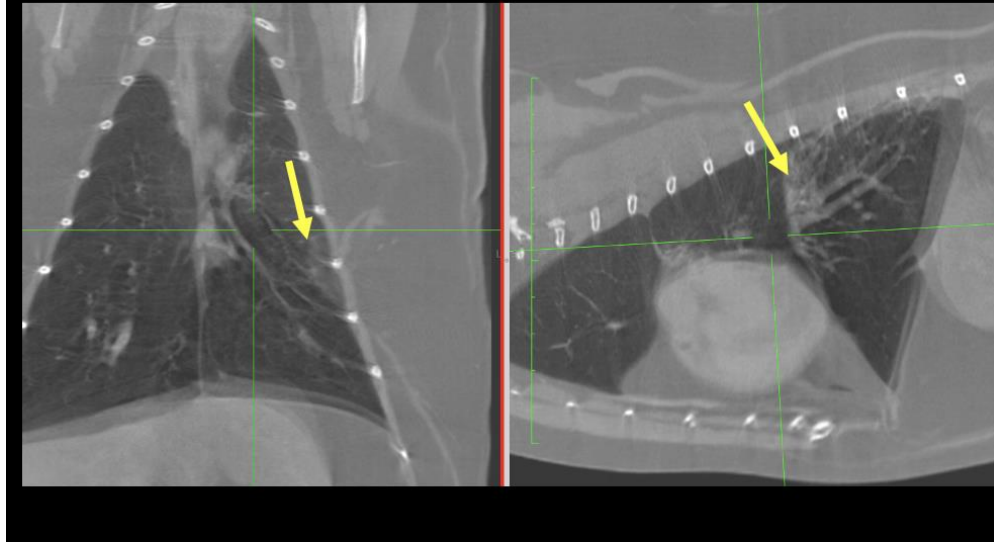
SEX

MN

AGE

8

Pulmonary reduced of lung expansion and ground glass attenuation, left caudal lung lobe



INTERPRETED BY

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

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.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

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

REFERRING VET

Dr. Runde

INVOICE

58821

DATE

6-14-23