



PATIENT PRESENTING CLINICAL SIGNS

Trigger Roulin History: Diffuse mass, growing rapidly on left shoulder. Patient has pitting edema on left forelimb. Abnormal PE/Chem/CBC/UA Results: Elevated Values: BUN/UREA-36 mg/dL, GLU-161 mg/dL, PHOS-8.6 mg/dL, WBC-29.45 K/uL, NEUT-24.60 K/uL, Retics-112.9 K/uL, MONOS-3.22k/uL Decreased Values: HCT-36.5%, EOS-0.02 K/uL, PDW-9.0 fL, RETIC-HGB-21.8 pg

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE THORAX**

A high resolution pre- and post-contrast CT study of the thorax is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Shepherd Mix

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

SEX

Male The cardiovascular structures including the pulmonary vasculature are within normal limits.

AGE

9 Years

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDD

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

There is moderate to marked image noise level with the left brachium.

HOSPITAL NAME

Neel VH

A large soft tissue attenuating and mild contrast enhancing mass is seen at the caudomedial aspect of the left brachium/axillary region measuring approximately 7.6 x 9.5 x 19 cm in size. The surrounding fat is moderately swollen and presents moderate to marked fat-stranding. A moderate to marked subcutaneous swelling is seen along the left front limb – most accentuated level with the antebrachium – and the ventral thoracic wall. The left front limb is deviated laterally by the mass effect.

REFERRING VET

Dr. Deepan Kishore

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

12509

- Large soft tissue mass caudomedial aspect of the left thigh
- Secondary surrounding steatitis and edema along the left ventral thoracic wall and left antebrachium
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

8/11/21



PATIENT

Trigger Roulin

The CT study is fitting the history of a large soft tissue mass at the caudomedial aspect of the left brachium/axillary region with secondary paraneoplastic edema/steatitis. The top differentials include sarcoma and mast-cell tumor. FNA sampling of the mass can be performed for further workup. Unfortunately there is significant image noise level with the mass and the margins cannot be clearly defined. Based on the results of the advanced diagnostic tests and the clinical extend of the mass amputation of the left front limb might be the therapy of choice. In case of mast cell tumor chemotherapy can be used to induce reduction in size and allow better resectability of the mass.

SPECIES

Canine

There is no evidence of invasion of the thoracic wall.

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SEX

Male

AGE

9 Years



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Dr. Deepan Kishore

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.

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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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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