



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Zeus Avell
Pt presented to us yesterday for second opinion on swelling of the right hind limb that O first noticed a month ago (RDVM Reports state it was noticed first in jan 2023) . rDVM had started Doxycycline, Carprofen, Tramadol, tms, and Gabapentin. PE from RDVM 3/9/23: History: Approx

SPECIES Canine
in 2020, pt was hit by a car and injured the L rear leg, no other known injuries. Approx in Jan 2023, pt had swelling in hips/legs and trouble getting around. Prescribed medications and the swelling went down for roughly a week before coming back. Approx at the end of Feb 2023 O took pt back and got prescribed Enrofloxacin, Carprofen, and Amoxicillin. This round of medication did not work. on 3/9/23 pt was prescribed: Gabapentin 300mg (1 cap BID), vetprofen 75mg (1/4 tab BID) , tramadol 50mg (2 tabs BID), doxycycline 100mg (3 tabs BID), and tms 960mg (1 tab BID). pt has had a Decrease in water intake, normal eating, decrease in energy.

BREED German Shepherd
Abnormal PE/Chem/CBC/UA Results: PE from RDVM on 3/9/23: Vitals- T: 102.2 HR:110 RR: 30 wt 63.7lbs Findings -Limping R hind , 1/2 football size hard mass on thigh area. Pitting edema to paw below stifle. Rads: Possible bleb or bullae in lung Field, Large opacity at swollen area of leg - O declined radiograph consult send out to IDEXX. PE 3/13/23: Vitals - wt 66.7lbs Findings: -

SEX Male
Right hind leg is swollen from lower lumbar to the toes. Leg is nearly double if not triple the size it should be. IDEXX Lab Reports: 1. Rocky Mountain Spotted Fever Antibody by IFA (+Positive) - Collection Date: 3/9/23 -Report Result : 3/13/23 Specimen Type: Serum 2. Fungal Serology Panel 6 -Collection Date : 3/9/23 -Report Results: 3/13/23 Specimen Type: Serum Coccidioides IgG Antibody (Neg), Coccidioides IgM Antibody (Neg), Blastomyces Antibody by AGID (Neg), Cryptococcus Antigen by Latex Agglutination (Neg), Histoplasma Antibody (Neg), Aspergillus Antibody by AGID (Neg) . Abnormal Chem/CBC Results: RETIC: 319K/uL %RETIC: 4.9% WBC:17.25 K/uL %NEU :77% %MONO: 9.1% %EOS: 3.8% NEU: 13.29 K/uL MONO: 1.57K/uL GLOB :4.6g/dL BASO :0.00K/uL PCT: 0.39% BUN: 10mg/dL BUN/CREA:11 TP:8.1g/dL ALB: 3.6g/dL ALB/GLOB :0.8 GGT: 0 U/L TBIL : 0.8 mg/dL K: 3.8 mmol/L Na/K: 40 Cl:111 mmol/L Osm Calc: 298 mmol/kg

AGE 4 Years
INTERPRETED BY Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS, THORAX, & ABDOMEN

Plain and post contrast studies available for review.

HOSPITAL NAME

Neel Veterinary Hospital

COMPUTED TOMOGRAPHIC FINDINGS

Hind Limbs

A large expansile approximately 20 x 15 x 16 cm sized mass is seen in the right caudomedial thigh. The mass is hypoattenuating compared with the musculature and appears to deviate the gracilis and semimembranosus muscles. Predominance of peripheral rim enhancement is noted. There is no evidence of osseous involvement.

The right popliteal and subinguinal lymph nodes are moderately enlarged.

REFERRING VET

Deepan Kishore, DVM,MS, DABVP

INVOICE 57232
Peripheral fat stranding and subcutaneous fluid accumulation are seen accentuating the soft tissue distal to the mass.

There is medial luxation of the right patella.

DATE Abdomen

3-14-23 The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion



PATIENT

or peritonitis.

Zeus Avell

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

SPECIES

Canine

Moderate symmetric enlargement of the prostate measuring 5 x 4 x 4.5 cm is seen. Attenuation and enhancement of the prostatic parenchyma presents within normal limits. There is no evidence of regional lymphadenomegaly.

The adrenal glands are within normal limits for size, shape and organ architecture.

BREED

German Shepherd

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

SEX

Male

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

AGE

4 Years

The bony and surrounding soft tissue structures reveal no abnormalities.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

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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 are uniform and considered within normal limits.

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

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.

REFERRING VET

Deepan Kishore,
DVM,MS, DABVP

The lung parenchyma presents the expected architecture and attenuation behavior.

Esophageal dilation with gastroesophageal reflux is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

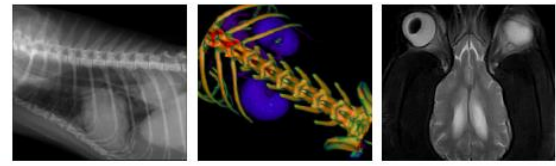
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DATE

3-14-23

- Large cavitated mass in the musculature of the caudomedial right thigh with peripheral cellulitis/edema.
- Moderate right popliteal and subinguinal lymphadenomegaly.
- Prostatomegaly of a non-neutered male.
- Gastroesophageal reflux – likely related to the general anesthesia.
- Right medial patella luxation: congenital versus acquired, secondary to trauma or the mass effect in the right hind limb.



PATIENT

Zeus Avell

SPECIES

Canine

BREED

German Shepherd

SEX

Male

AGE

4 Years

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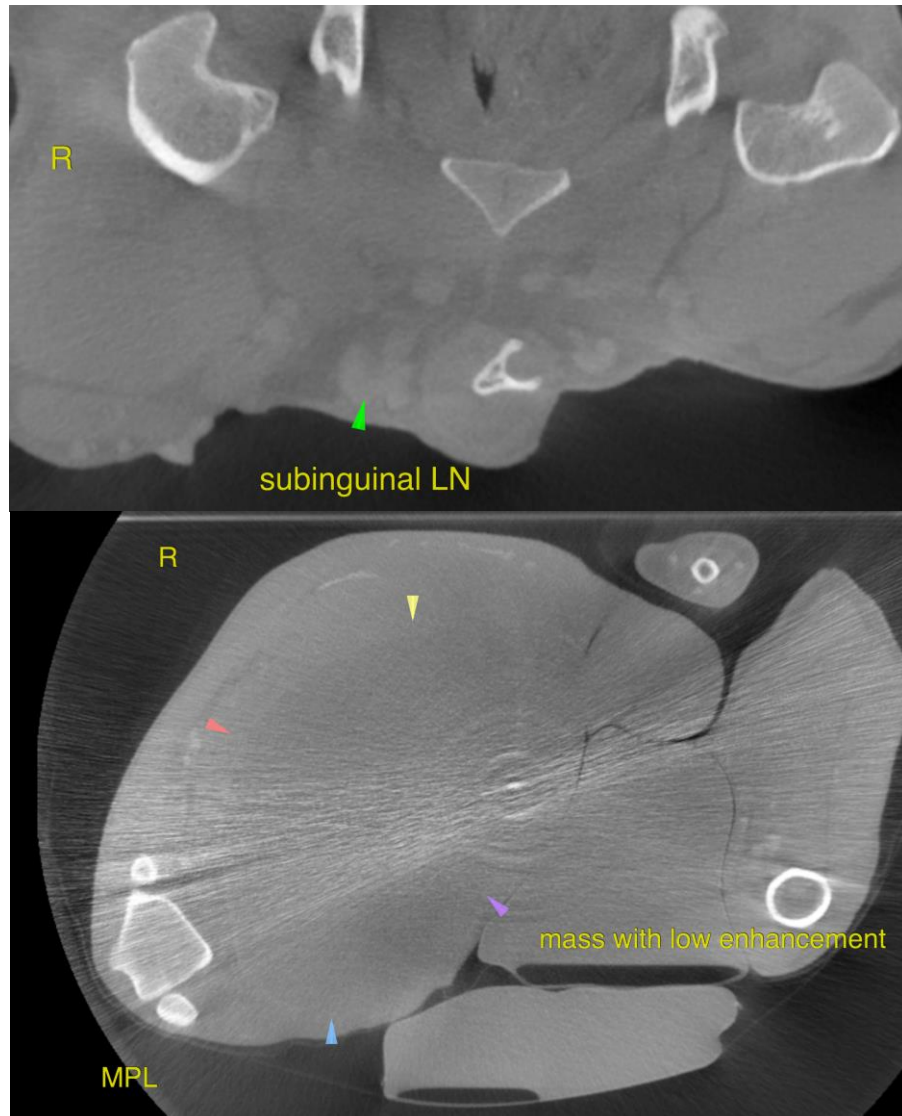
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a large expansile cavitated soft tissue mass in the musculature of the caudomedial right thigh with regional lymphadenomegaly and edema/cellulitis. Differential diagnosis includes soft tissue sarcoma primarily. Organizing hematoma or large abscess cannot be ruled out entirely but is thought by far less likely. Final diagnosis will require sampling.

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Fine needle aspiration is recommended for further definition.





PATIENT

Zeus Avell

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.

SPECIES

Canine

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

German Shepherd

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SEX

Male

AGE

4 Years

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