



PATIENT PRESENTING CLINICAL SIGNS

Jennie Cassada Swelling right pelvic limb from hock to hip. Swelling initially noted at hock.

COMPUTED TOMOGRAPHY OF THE THORAX AND PELVIS/HIND LIMBS

SPECIES A high resolution pre- and post-contrast CT study of the pelvis/hind limbs and a post-contrast CT study of the thorax are provided for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Thorax

Pit Bull Mix

The vertebral endplates T4/T5 present mild spondylosis formation.

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

FS

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.

AGE

9 Years

The volume of the right lung lobes is moderately decreased, and the parenchyma presents multiple regions with dystelectasis. The right lung lobes present the expected architecture and attenuation behavior.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

Pelvis/hind limbs

The hypogastric lymph nodes are small and unremarkable.

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The osseous and surrounding soft tissue structures of the pelvis are within normal limits. Both coxofemoral joints present smooth osseous margins and congruent joint spaces.

At the medial aspect of the lesser trochanter of the right femur, a small (<3 mm) isolated mineralized body is noted.

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Borecky

The vastus intermedius muscle is moderately swollen and mild hypoattenuating in the post contrast study.

In the right popliteal region, caudal to the proximal aspect of the right gastrocnemius muscle, an ill-defined multinodular mass is seen, causing splaying the muscle bellies of the semitendinosus and semimembranosus muscle is seen. A moderate irregular soft tissue swelling of along the region of the long digital extensor muscle at the craniolateral aspect of the right tibia is appreciated.

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The right popliteal lymph node is small.

DATE

5-31-22

Level with the right hock, a mild to moderate subcutaneous swelling is visible.

No abnormalities of the left hind limb are appreciated.



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

- Jennie Cassada
- Swelling along the course of the right quadriceps muscle, long digital extensor muscle and right popliteal region
 - Dystelectasis right lung lobes
- SPECIES**
- Spondylosis deformans
 - Metaplasia tendon right iliopsoas muscle
 - No evidence of pulmonary metastatic disease
- Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED
Pit Bull Mix

The diffuse swelling along the musculature of the right thigh and crus as well as in the right popliteal region are not specific, but underlying neoplastic disease (e.g. sarcoma, round cell tumor) appears likely. The lack of reactive changes of the surrounding fat and the tributary lymph nodes renders the odds for inflammatory origin low. Lymphatic edema or hematoma might be a consideration, but the distribution pattern appears atypical. FNA sampling and biopsy can be performed in the popliteal region and from the long digital extensor muscle.

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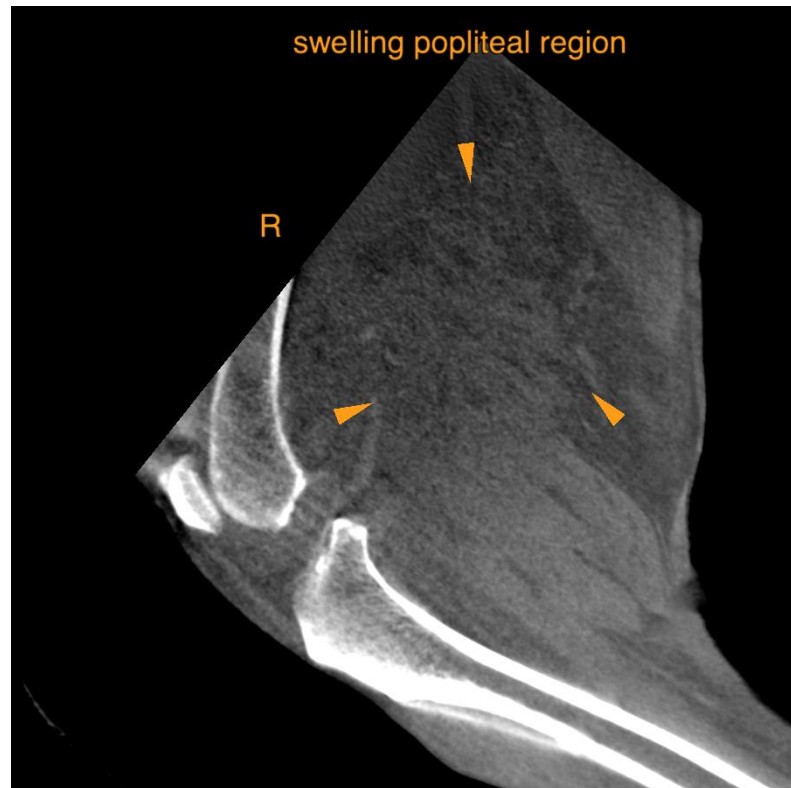
Borecky

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SPECIES

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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.

BREED

Pit Bull Mix

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.

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