



PATIENT

BJ Falcon

PRESENTING CLINICAL SIGNS

Presented on Oct 14 due to swelling affecting the rear limbs. Currently on antibiotics. Radiographs conclusions: Chronic IVDD L5-6, mod. hip dysplasia, mild diffuse bronchial pattern, soft tissue focus cranial to the urinary bladder. Hx of castration a few months ago.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Ambulatory x 4, no significant swelling of the pelvic limbs noted.

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

BREED

Dachshund Mix

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A mild amount of free abdominal fluid is seen.

SEX

Male Neutered

Both kidneys reveal multiple cortical infarction and small cystic structures.

The prostate presents asymmetric enlargement with a diameter of approximately 4.0 cm and heterogeneous contrast enhancement with multifocal internal and peripheral cavitation.

AGE

10 Years

The left and right medial iliac lymph nodes present mild enlargement with slightly heterogeneous contrast enhancement. The medial iliac lymph nodes measure 7mm and 5mm in diameter.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right adrenal gland presents an ill-defined nonuniformly enhancing mass of approximately 2.5 cm diameter with extensive local invasion of the caudal vena cava. The left adrenal gland presents within normal limits.

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

HOSPITAL NAME

Mobile Pet Imaging

Contrast void is noted in the portal vein on the arterial post-contrast study; however, is not repeated on the following studies.

The liver presents mild generalized enlargement. A 5mm sized cyst is seen in the right division of the liver. There is a mild amount of hyperattenuating sediment within the gallbladder noted.

REFERRING VET

Meaux

The pancreas presents mild generalized enlargement with mild regional mesenteropathy.

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

INVOICE

48130

Amorphous periosteal new bone formation is noted laterally and ventrally on both iliac bodies.

Moderate bilateral coxofemoral and stifle osteoarthritis is seen.

DATE

11-1-21

The patient has 8 lumbar vertebrae.

Chronic intervertebral disc disease is indicated by vertebral end plate sclerosis and new bone formation between L6 and L7. L3 and L4 present ventral new bone formation.



PATIENT The volume of the axial musculature appears to be decreased.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Asymmetric prostatomegaly with heterogeneous contrast enhancement and mass effect.
- Regional lymphadenomegaly.
- Regional amorphous periosteal new bone formation - pelvis.
- Mild ascites.
- Right adrenal gland mass with vascular invasion.
- Generalized hepatomegaly with small parenchymal cyst in right division of the liver.
- Pancreatitis pattern.
- Chronic intervertebral disc disease L6/7.
- Multiple spondyloses.
- Bilateral coxofemoral osteoarthritis.
- Stifle osteoarthritis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Differential diagnosis for the asymmetric prostatomegaly includes neoplasia such as adenocarcinoma, lymphosarcoma, or other. The presence of regional lymphadenomegaly and periosteal new bone formation in the pelvis supports presence of metastatic disease. Ultrasound guided sampling of the prostate and regional lymph nodes could be considered for further verification.

The ascites may be inflammatory or paraneoplastic. Consider aspiration and analysis of the fluid for further definition.

Differential diagnosis for the right adrenal gland mass includes pheochromocytoma and adenocarcinoma. Metastatic disease cannot be ruled out entirely but would be atypical in presentation. Consider further laboratory workup.

The mild diffuse hepatomegaly may be due to metabolic/endocrine hepatopathy. A diffuse neoplastic or inflammatory infiltrate cannot be ruled out entirely. Parenchymal sampling and correlation with the laboratory values recommended.



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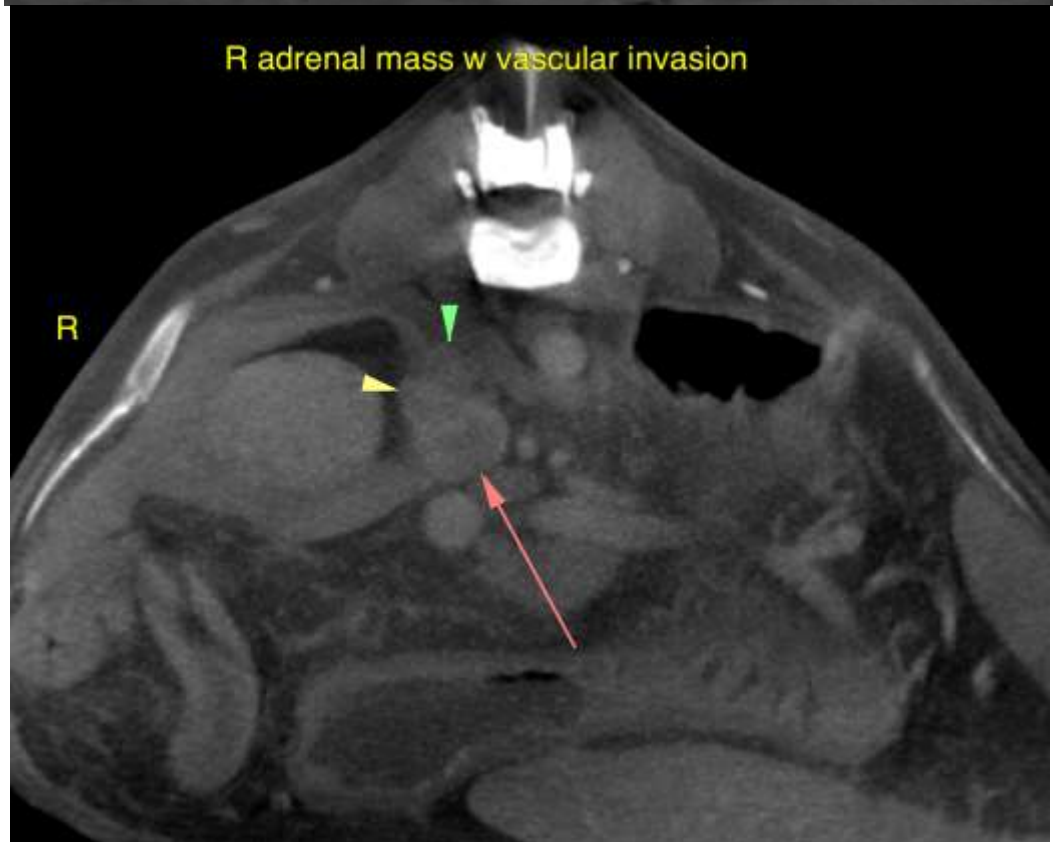
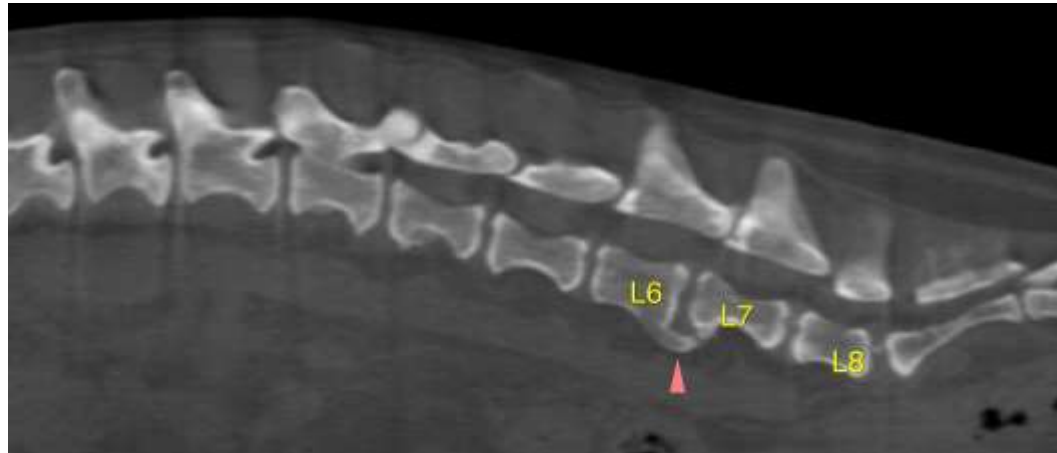
Meaux

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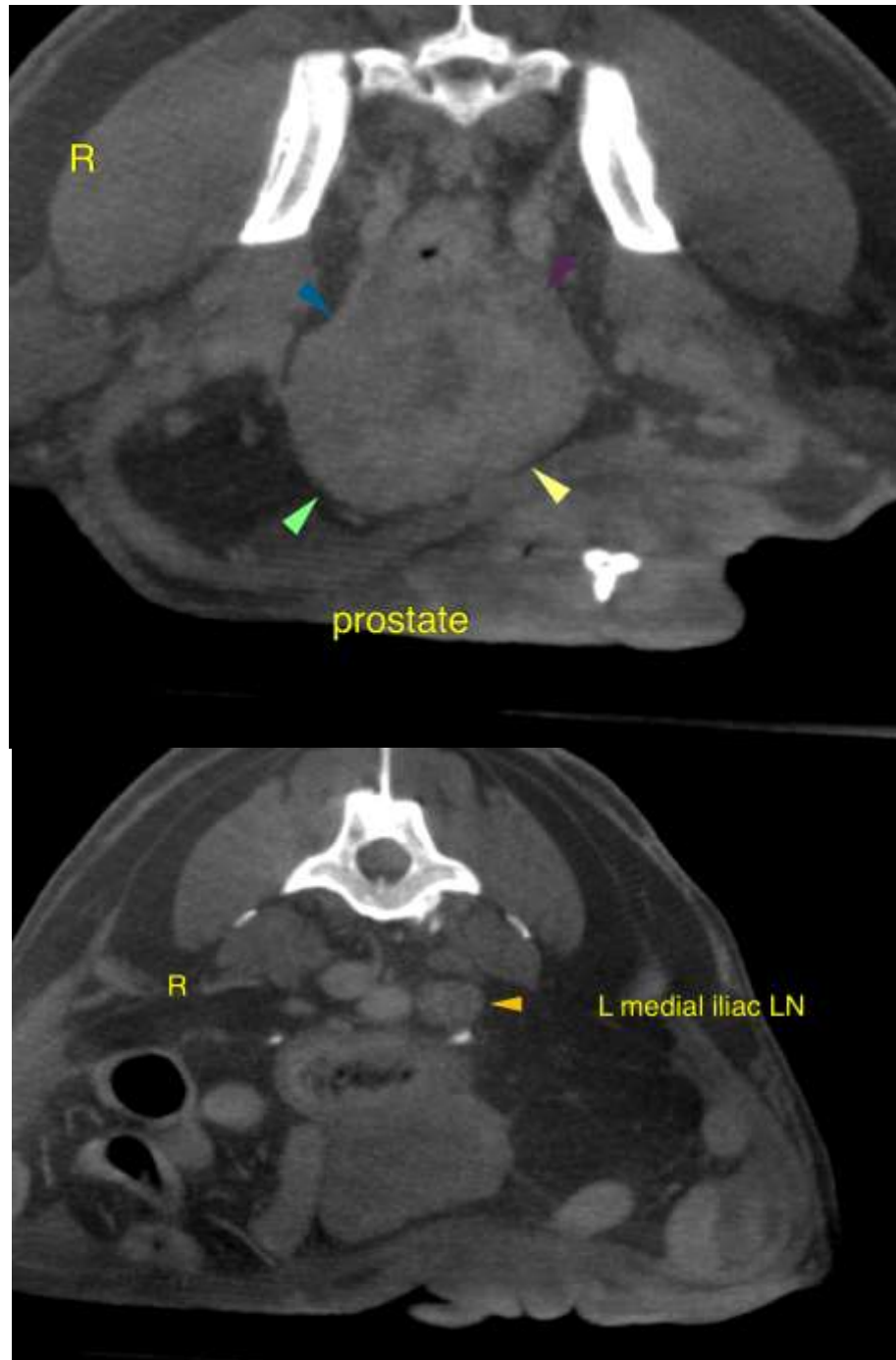
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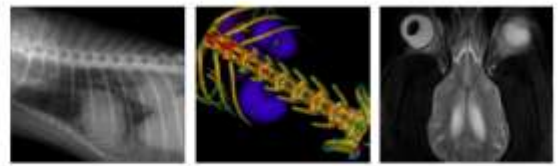
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

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