

PATIENT PRESENTING CLINICAL SIGNS

Cole Wright-Martinez

History: Cole is an 11-year-old, intact male Lab who is on day 2 of hospitalization for vomiting, abdominal discomfort, and lethargy. Blood work performed by rDVM yesterday showed mildly low red blood cell count, slight BUN elevation, mild elevation in ALT and ALP, and an abnormal CPL.

SPECIES

Canine

Radiographs were reportedly unremarkable. He was transferred here for coagulation testing (possible rodenticide ingestion) and continued diagnostics and care. He was BAR at presentation. PT/aPTT were normal. 4dx and lepto tests were all negative. SDMA was normal but BUN was mildly elevated on the EPOC. Urine was very concentrated with no evidence of UTI noted. Radiographs showed IVDD, osteoarthritis of the shoulders, bronchial pattern throughout the lungs, decreased abdominal detail, hepatomegaly, and a rounded enlarged prostate. A-FAST showed small volume of free abdominal effusion which was sampled and found to be highly cellular (neutrophils, macrophages) with no intracellular bacteria noted. He has a history of increased respiratory noise and cough over the last 2 months or so. He was treated with doxycycline recently and Tamaril P over the last week. He has chronically been on carprofen for arthritis as well.

BREED

Labrador

SEX

Male

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

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

AGE

11 Years

COMPUTED TOMOGRAPHIC FINDINGS

In the caudal abdomen, a moderate amount of fluid attenuating material is appreciated and the peritoneal fat in the presents generalized mild fat-stranding.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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. The urinary bladder contains a small amount of fluid and the wall is prominent – considered secondary to low filling status. The prostate is prominent and symmetric, the sagittal raphe is maintained. The prostatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

HOSPITAL NAME

Critical Vet
Care/Suncoast Vet

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

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

REFERRING VET

Dr. Young

The hepatic volume is mild to moderately increased the liver is protruding beyond the costal arch; the gastric axis is deviated caudally. The caudoventral hepatic margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

INVOICE

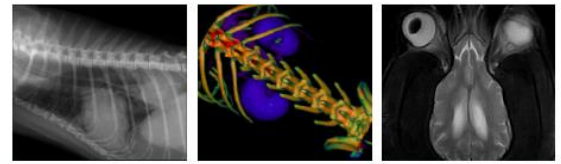
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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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

DATE

6/24/22



PATIENT

Cole Wright-Martinez

Multiple intervertebral discs of the lumbar spine are mildly bulging into the vertebral canal, distorting the ventral epidural space at the same level.

SPECIES

Canine

The periarticular bones of both stifle joints present moderate to marked osteophyte new bone formation, R>>L. The right stifle joint presents evidence of moderate intracapsular soft tissue swelling. The volume of the right thigh musculature is mild to moderately decreased.

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Labrador

- Hepatomegaly
- Mild peritoneal effusion
- Mild prostatomegaly
- Degenerative osteoarthritis stifle joints bilaterally, R>>L
- Disuse atrophy right thigh musculature

SEX

Male

- Multifocal mild intervertebral disc protrusions along the lumbar spine, without compressive myelopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

11 Years

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

INTERPRETED BY

Sebastian Schaub,
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The appreciated peritoneal effusion might be a sequela to underlying hepatic disease or pancreatitis (abnormal cpl regarding the history). There is no evidence of a mass or signs for other inflammatory changes of the abdominal organs. No signs for neoplastic disease are appreciated.

The prominent prostate in the intact patient is compatible with benign prostatic hyperplasia.

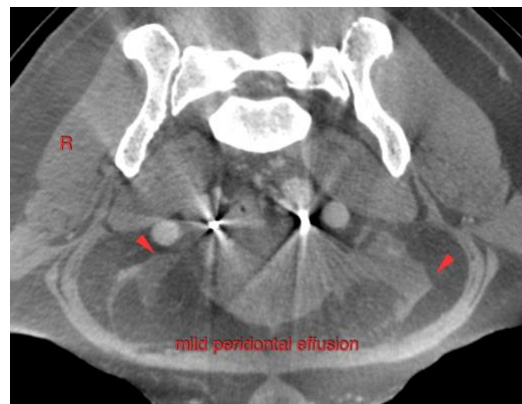
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The most likely underlying cause for the degenerative joint disease of the stifle joints is pathology of the cranial cruciate ligament ± meniscal pathology.

REFERRING VET

Dr. Young

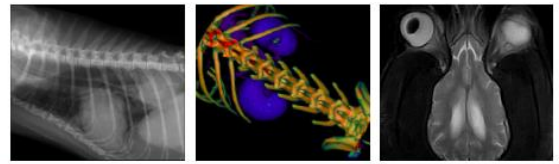


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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Cole Wright-Martinez

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

Labrador

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SEX

Male

AGE

11 Years

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