



PATIENT PRESENTING CLINICAL SIGNS

Enzo Cassidy
 OR since October straining to pass stools, then d+ with blood - spotting pure blood OR has had many tests, scans, medication trial, hypoA food, nothing helping. Eating/drinking ok.. Well in self. previous diagnostics: EUGA - AGs normal, rectum sl dilated bladder/prostate USS rads (indicative of narrowed pelvis, spondylosis) prostatic wash - no bacterial growth ddx: prostatitis, prostate neoplasia, proctitis, colitis/inflammatory disease, rectal stricture/neoplasia, ortho etc

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF ABDOMEN

A high-resolution pre- and post-contrast CT study of the abdomen are provided for review. Two post-contrast CT series are evaluated.

BREED

German Shepard

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Male

The prostate gland is enlarged, heterogeneously enhanced, and a large hypoattenuating cavitory lesion is seen on the left prostatic lobe, as well as other smaller hypoattenuating intraparenchymal fluid filled cysts. The enlarged prostate dislocates and compresses the final portion of the descending colon and rectum.

AGE

5 Years

The urinary bladder is moderately distended with mixed contrast material and hypoattenuating fluid material on the later phase series. No evidence of thickening of the urinary bladder wall is seen.

All portions of the colon and rectum are filled with heterogeneous fecal material and gas. No evidence of wall thickening, mass, or severe irregularities.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The anal pad and anal sphincters are empty; however, no mass effect is seen.

The left medial iliac lymph node is mildly enlarged with homogeneous attenuation. The remaining abdominal and mesenteric lymph nodes are normal.

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The stomach is partially visible, normally positioned, containing gas mixed with heterogenous soft tissue attenuating material - ingesta material. Two small intraluminal mineral fragments are seen.

The small intestines are non-dilated and contain a small amount of fluid attenuating material and gas.

REFERRING VET

Laura Blackwell

The visible portion of the liver is homogenously soft tissue attenuating and uniformly contrast enhancing with normal size and shape.

The pancreas and mesentery are normal.

INVOICE

57028

The renal silhouettes are normal in size, shape, contour, and attenuation pre- and post-contrast.

The ureters are normal in size with correct insertion in the trigone region.

DATE

3-1-23

The spleen is diffusely enlarged, homogenously soft tissue attenuating, and uniformly contrast enhancing, likely due to the anesthesia.



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The abdominal serosal is normal.

The remainder of the abdomen is normal.

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L3-L4, L5-L6 and L7-S1 intervertebral disc spaces are mildly narrowed with complete or incomplete spondylosis deformans.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Enlarged prostate gland, prostatic cyst with paraprostatic extension. Differential diagnosis includes prostatitis with prostatic abscess, concurrent prostatic hyperplasia. Less likely neoplasia masked by abscessation.
- Left medial iliac lymph node enlargement, reactive.
- Constipation, rectal and colonic.
- Splenomegaly. Differential diagnosis includes correlated to anesthesia procedure, lymphoid hyperplasia, hematopoiesis, and less likely infiltrative neoplasm.
- Multifocal lumbar and lumbosacral spondylosis deformans
- L7-S1 chronic disc disease and lumbosacral instability.

SEX

Male

AGE

5 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The prostatic enlargement could be correlated to the clinical signs. An ultrasound-guided percutaneous needle aspiration of the prostate could be the next approach for evaluation of the cavitory content, as well as culture and antibiogram.

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Castration is suggested for nonbreeding dogs with prostatitis and/or prostatic abscess because this induces permanent prostatic involution.

No evidence of sphincter or rectal abnormalities, however, for better analysis, a colonography is suggested in association with the tomography exam.

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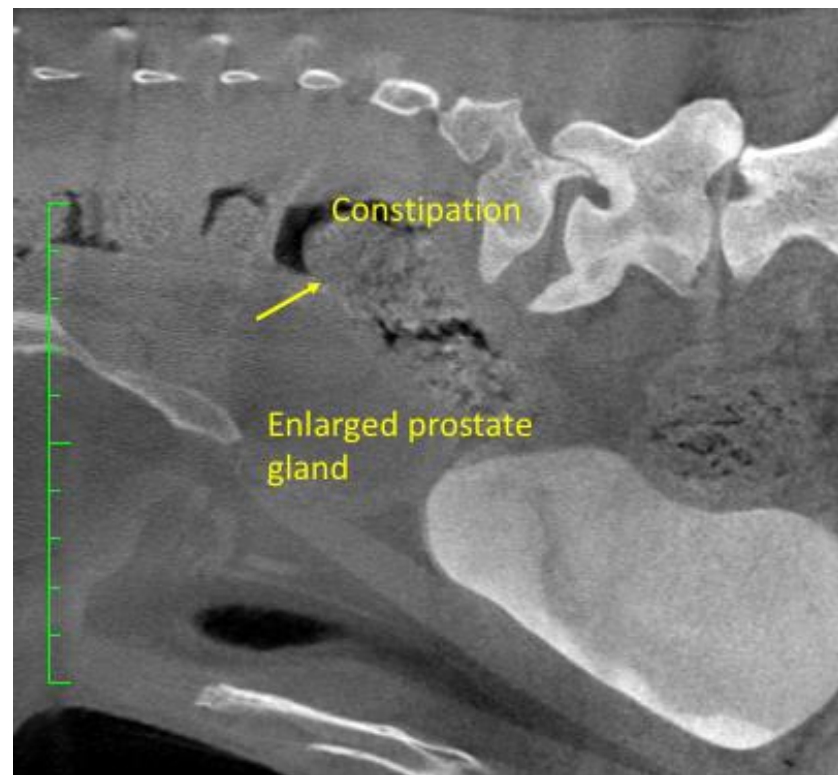
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 Shepard

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SEX

Male

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