



PATIENT

Ferrari Brouillette

SPECIES

Canine

BREED

Bulldog

SEX

Spayed Female

AGE

7 Years 4 Months

WEIGHT

53 pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Andrew Beachy

HOSPITAL NAME

Linn Veterinary
Hospital

REFERRING VET

Dr. Andrew Beachy

INVOICE

12581

DATE

12/04/25

PRESENTING CLINICAL SIGNS

Frequent urinations, blood in urine starting October 13th. U/S of bladder, BW and U/A done 10/14/25. U/S showed very abnormal looking bladder (see attachment). BW and U/A was fairly normal and P had already returned to normal by 10/16/25. It was recommended to recheck the U/S in 2 weeks, but O elected not to. Then 12/4/25 P returned to have bladder recheck because they are still noticing some frequent urinations, no blood though.

Abnormal PE/Chem/CBC/UA Results: CBC NSF Chem TP 8.1, Glob 5.1 Urinalysis UPC 0.3, 2+ struvite crystals T4 WNL Lab 4dx Negative Fecal/Giardia Negative

LIMITED ULTRASONOGRAPHIC EXAMINATION

Urinary System

The **urinary bladder** revealed a large amount of debris and was largely suspended. A trace amount of dependent debris was visualized. No overt masses were noted. Power doppler assessment would be necessary for ruling out tissue proliferation, however, the echotexture would suggest debris accumulation or potential blood clots. Follow up ultrasound of 12/4 revealed minor apical ventral bladder wall thickening. The apical ventral wall thickening appears to have increased in size, yet minimal amount of urine was present. The bladder wall thickness measured 1.3 cm at the apical ventral wall. The urethra appeared unremarkable.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.8 cm in length. The right kidney measured 5.8 cm in length.

ULTRASONOGRAPHIC FINDINGS

- Undefined apical ventral bladder wall thickening with resolved bladder debris- concern for possible carcinoma versus chronic cystitis pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend BRAF testing and cytospin of free catch urine sample. Cystoscopy would be ideal with mucosal biopsies to assess for carcinoma yet the amount of bladder debris that was present on the prior sonogram appears to have resolved. Power doppler assessment and linear probe high resolution imaging of the bladder would be ideal for further intuition as to neoplastic versus chronic inflammatory criteria.



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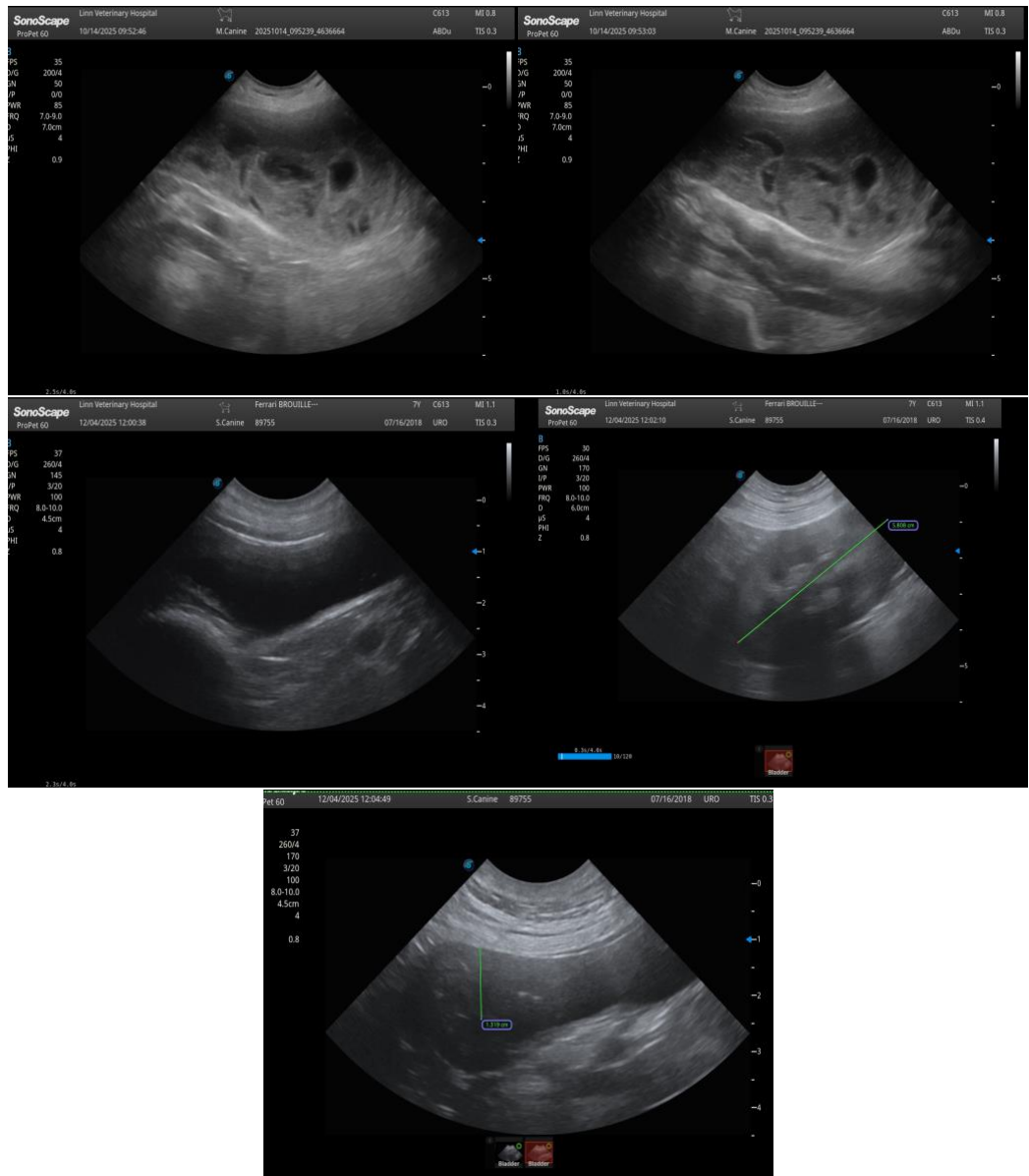
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,

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info@SonoPath.com



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