



PATIENT

Jake Frazell

SPECIES

Canine

BREED

Brittany Spaniel

SEX

Male

AGE

8 years

WEIGHT

50 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Chelsea Pastor

HOSPITAL NAME

Fredon AH

REFERRING VET

Dr. Roche

INVOICE

45058

DATE

7/3/23

PRESENTING CLINICAL SIGNS

History: Frequent urination, no response to clavamox. Intact male
Abnormal PE/Chem/CBC/UA Results: UA: pH 9, UBG 70, cocci

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is small with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Prostatomegaly is noted and measured 3.1 x 3.8 cm with a diffuse, increased echogenic appearance and regular curvilinear capsule. There was normal appearance of periprostatic tissue.

Normal renal size, architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. The left kidney measured 7.0 cm and the right kidney measured 6.8 cm.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-renal vasculature. The left adrenal gland measured 0.54 x 0.52 cm and the right adrenal gland measured 0.6 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is small containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.



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Gastrointestinal

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Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen. There is a small amount of fluid within the stomach.

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Pancreas

Brittany Spaniel

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

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Free Abdomen

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Normal mesenteric lymph nodes.

No ascites evident.

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ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Prostatomegaly.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for prostatomegaly would be benign, prostatic hyperplasia. Prostatitis is a less likely differential diagnosis.

Further assessment would be urine culture, prostatic wash for cytology and culture and possibly FNA cytology of the prostate.

With the presenting clinical signs and prostatomegaly, chemical castration using osaterone acetate, delmadinone acetate, or deslorelin acetate should be considered.

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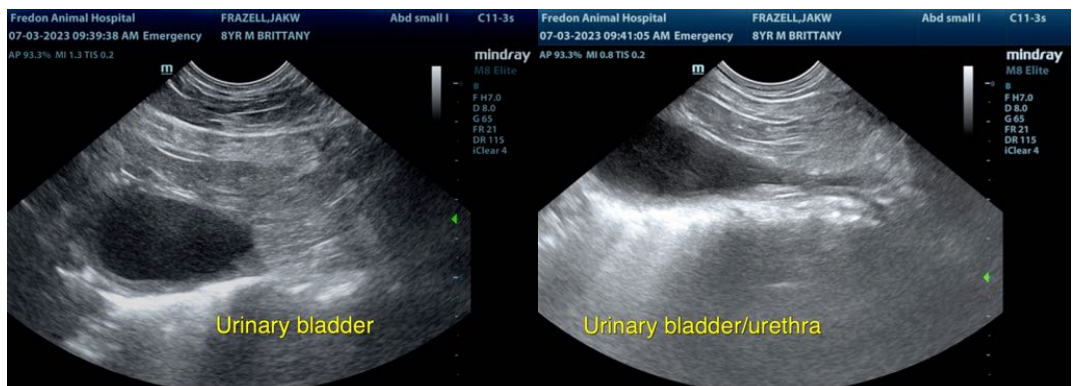
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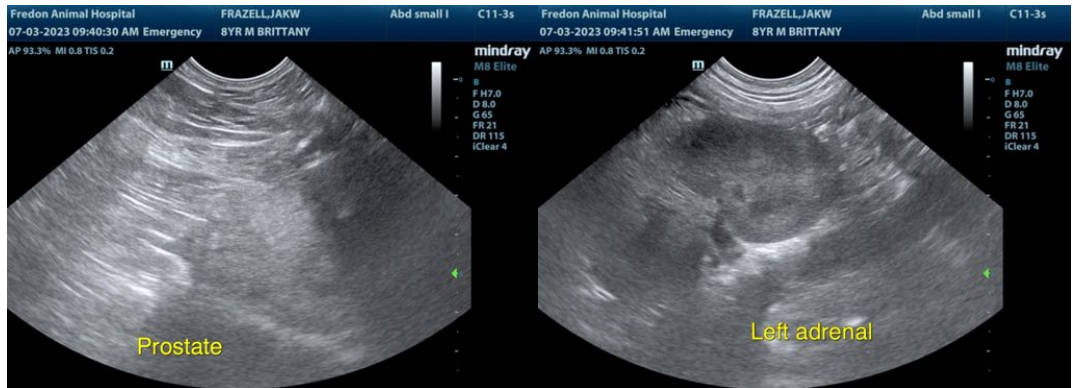
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

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