



PATIENT

Oliver Holmquist

PRESENTING CLINICAL SIGNS

Hematuria, possibly enlarged prostate on x-ray.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Bichon Frise Mix

Full urinary bladder 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.

SEX

Intact Male

Symmetrically enlarged prostate measuring approximately 3.4 cm x 3.8 cm in size with a diffuse increased echogenic appearance and a regular curvilinear capsule. Normal echogenic appearance of the periprostatic tissue. Normal size and appearance of the testicles. The left testicle measured 2.6 cm in length. The right testicle measured 2.4 cm in length.

AGE

9 Years

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 4.1 cm in length. The right kidney measured 4.0 cm in length.

WEIGHT

14.4 pounds

Adrenal Glands

INTERPRETED BY

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

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. The left adrenal gland measured 1.68 cm length x 0.49 cm and 0.47 cm width. The right adrenal gland measured 0.59 cm width.

Spleen

IMAGING PERFORMED BY

Meghan Morse LVT,
CVT

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. The spleen measured 1.1 cm in width.

Liver

HOSPITAL NAME

Newton Veterinary
Hospital

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

Gallbladder

REFERRING VET

Dr. Wyman

Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

INVOICE

12600

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.

DATE

12/05/25

Pancreas



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Canine

BREED

Bichon Frise Mix

SEX

Intact Male

AGE

9 Years

WEIGHT

14.4 pounds

Visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

ULTRASONOGRAPHIC FINDINGS

- Prostatomegaly.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the prostatomegaly would be benign prostatic hyperplasia in line with the patient's age and intact status. Prostatitis would be a less likely differential diagnosis.

Further assessment that could be considered would be urinalysis, urine culture and possibly a prostatic flush for cytology and culture. Management for the prostatomegaly would either be surgical or chemical castration. Chemical castration would be the use of osaterone acetate, delmadinone acetate, or deslorelin acetate. This is less invasive and safer than surgical castration in systemically ill and potentially unstable patients.

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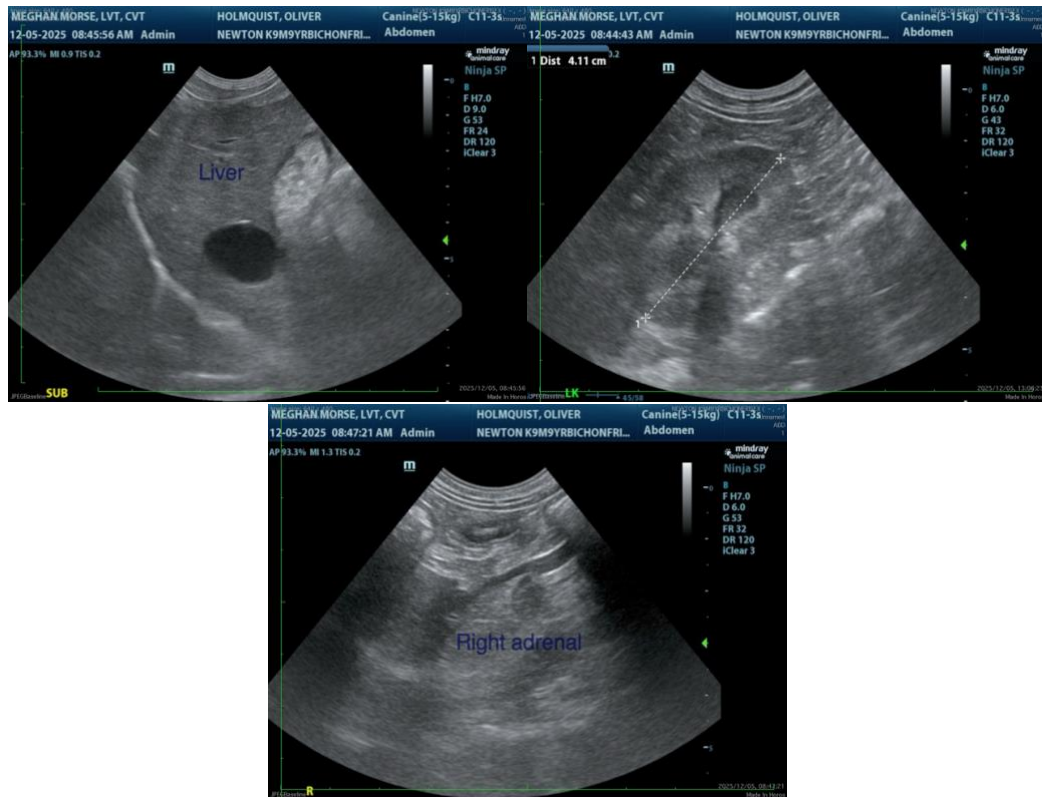
Dr. Wyman

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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.

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