



PATIENT	PRESENTING CLINICAL SIGNS
Max Castro	History: Ate glass, bleeding from mouth.
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The bladder in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection.
Bulldog	Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.
SEX	The prostate was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture. The prostate measured 2.4 cm. The testicles were imaged and uniform with no evidence of pathology.
Male	
AGE	
12 years	
WEIGHT	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 right kidney measured 5.58 cm.
40 lbs	
INTERPRETED BY	
Eric Lindquist, DMV DABVP, Cert. IVUSS	Adrenal Glands
IMAGING PERFORMED BY	Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.65 x 0.57 cm at the cranial pole and 0.63 cm at the caudal pole. The right adrenal gland measured 2.35 x 0.56 cm at the cranial pole and 0.67 cm at the caudal pole.
Shari Reffi, CVT	
HOSPITAL NAME	
Rockaway AH	Spleen
REFERRING VET	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.
Dr. Maniar	
INVOICE	
32064	Liver
DATE	The liver images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not
7/29/22	



PATIENT

Max Castro

clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

SPECIES

Canine

Gastrointestinal

BREED

Bulldog

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SEX

Male

Pancreas

AGE

12 years

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

WEIGHT

40 lbs

ULTRASONOGRAPHIC FINDINGS

BPH prostate.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Minor bladder thickening.

Age related hepatic changes.

Slight shadowing material was noted in the stomach.

IMAGING PERFORMED BY

Shari Reffi, CVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Rockaway AH

If any lower urinary tract signs are present then neutering should be considered, yet the prostatic presentation appears subjectively benign. Supportive GI care and recheck sonogram is recommended at 24 hour n.p.o. to ensure that no residual material is present in the stomach.

REFERRING VET

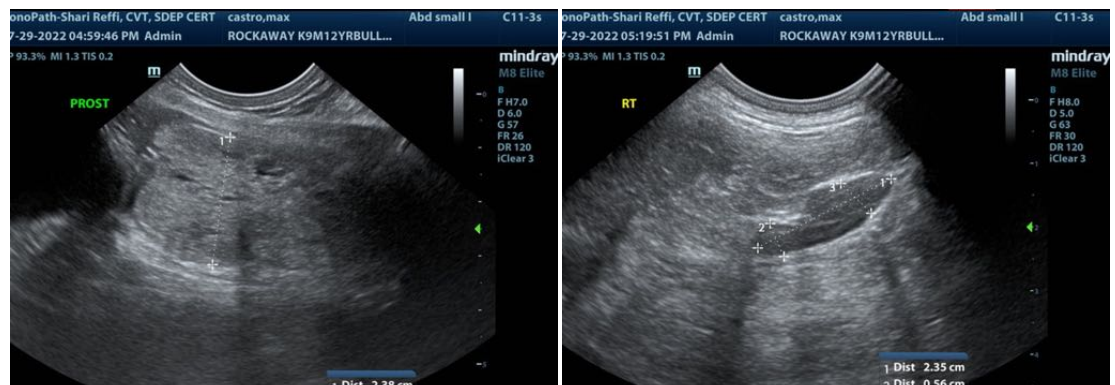
Dr. Maniar

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SPECIES

Canine

BREED

Bulldog

SEX

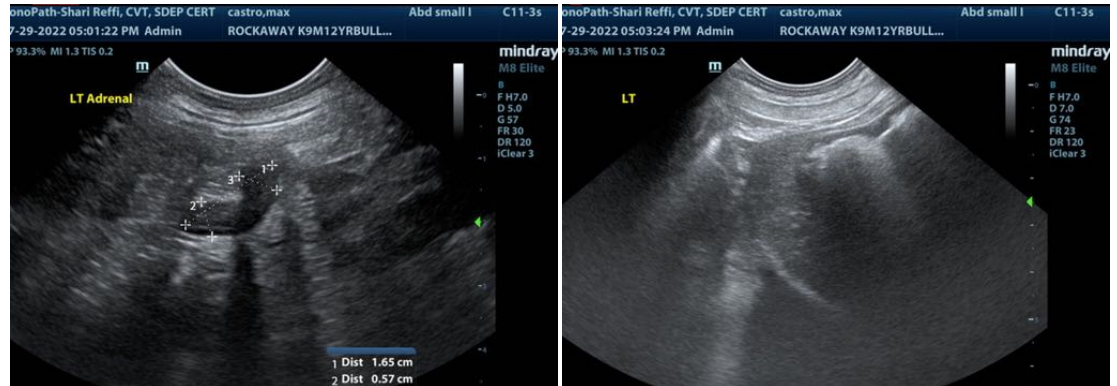
Male

AGE

12 years

WEIGHT

40 lbs



INTERPRETED BY

Eric Lindquist, DMV
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IMAGING PERFORMED BY

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HOSPITAL NAME

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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, Cert. IVUSS, CEO of SonoPath.com
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