



PATIENT PRESENTING CLINICAL SIGNS

Boomer Good History: Urinary accidents in house. Swollen belly per owner
Abnormal PE/Chem/CBC/UA Results: Urine pending

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Pitbull

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction and pre and post prostatic urethra was unremarkable. 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. 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

Neutered male

The residual prostate measured 1.0 cm.

AGE

11 years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.0 cm and the right kidney measured 6.2 cm.

WEIGHT

69 lbs

Adrenal Glands

INTERPRETED BY

The **adrenal glands** were not visualized.

Eric Lindquist, DMV
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Spleen

IMAGING PERFORMED BY

JK

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.

HOSPITAL NAME

Hamburg VC

Liver

REFERRING VET

Dr. Martens

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

INVOICE

92348

Gastrointestinal

DATE

10/12/21

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



PATIENT

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Boomer Good

SPECIES

Pancreas

Canine

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.

BREED

Pitbull

Free Abdomen

SEX

A large amount of abdominal fat was noted in this patient. There was no evidence of ascites or masses.

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

Minor bladder thickening.

11 years

Benign hepatopathy.

Age related renal changes.

WEIGHT

69 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If adrenal gland disease is suspected full sedation and further imaging of the adrenal glands are indicated. Work-up for urinary tract infection is warranted given the minor bladder thickening.

INTERPRETED BY

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HOSPITAL NAME

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REFERRING VET

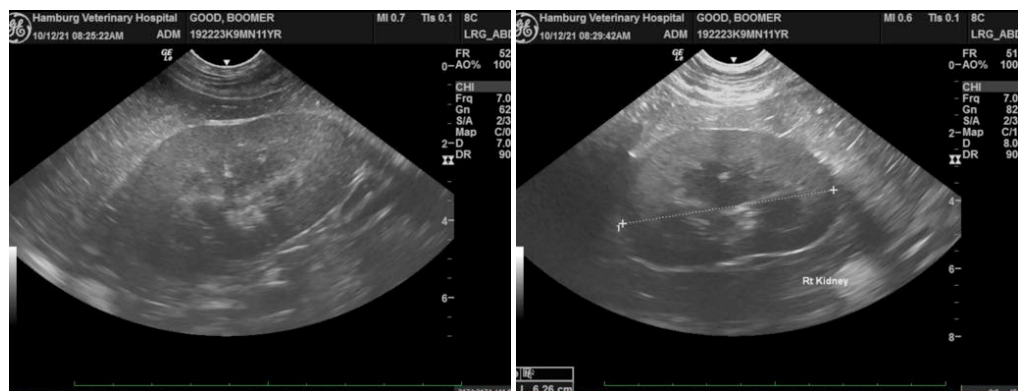
Dr. Martens

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DATE

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PATIENT

Boomer Good

SPECIES

Canine

BREED

Pitbull

SEX

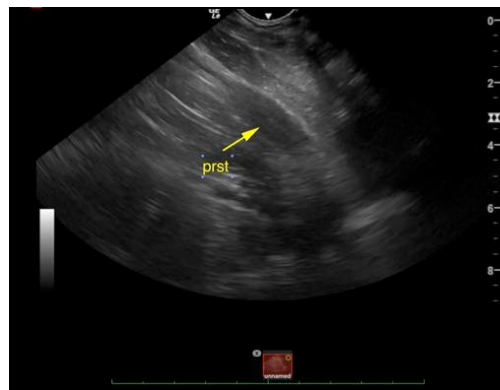
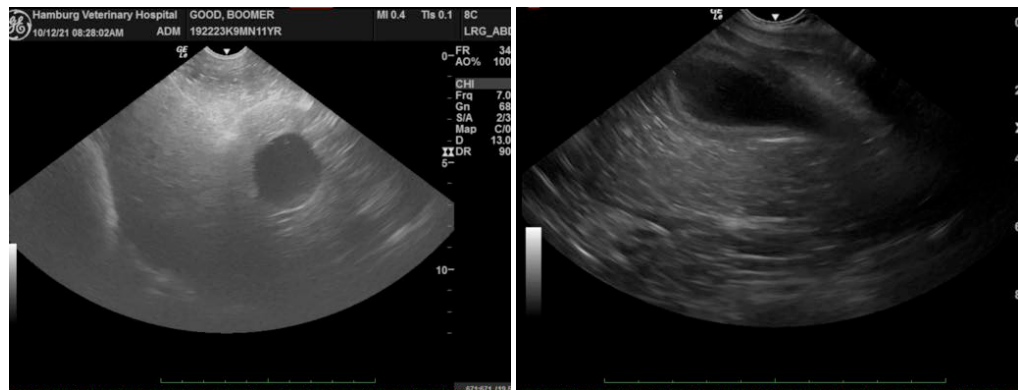
Neutered male

AGE

11 years

WEIGHT

69 lbs



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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.

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