



PATIENT

Gizmo Enman

PRESENTING CLINICAL SIGNS

Elevated liver values.
Abnormal PE/Chem/CBC/UA Results: ALT 260, ALK PHOS 387

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Chihuahua/Pug

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

The residual prostate measured 0.6 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 right kidney measured 5.02 cm. The left kidney measured 4.54 cm with an idiopathic, hyperechoic medullary rim sign. An anechoic cyst was noted in the cranial pole of the left kidney.

WEIGHT

16 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **left adrenal gland** was 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 1.27 x 1.3 cm. The **right adrenal gland** was slightly heterogenous and measured 0.8 cm.

IMAGING PERFORMED BY

JK

Spleen

HOSPITAL NAME

Hamburg VC

The **spleen** revealed hyperechoic lipogranulomatous type nodule. The parenchyma was otherwise uniform.

REFERRING VET

Dr. Martens

Liver

INVOICE

96701

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 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.

DATE

3/10/22



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Gastrointestinal

SPECIES

Canine

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

BREED

Chihuahua/Pug

Pancreas

SEX

Neutered male

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.

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

Benign abdomen, largely geriatric changes, expected for this age patient.

WEIGHT

16 lbs

Benign hepatopathy.

Slightly heterogenous right adrenal.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

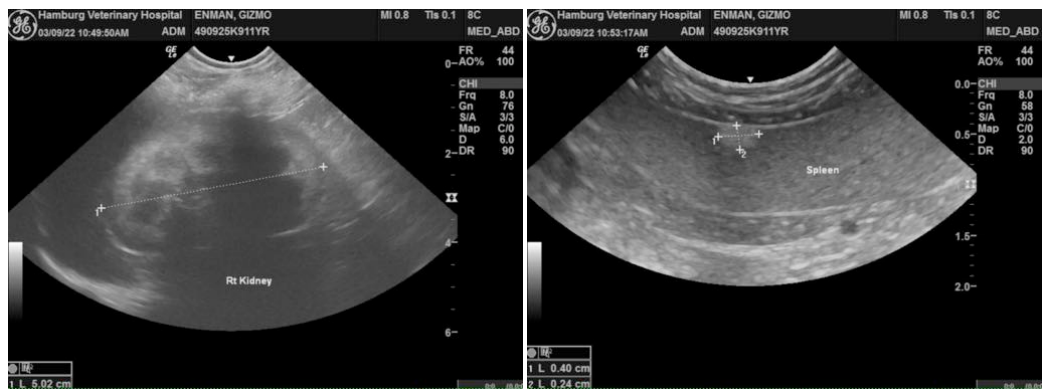
FNA of the liver could be considered for further definition, yet subjectively appears benign.

IMAGING PERFORMED BY

JK

HOSPITAL NAME

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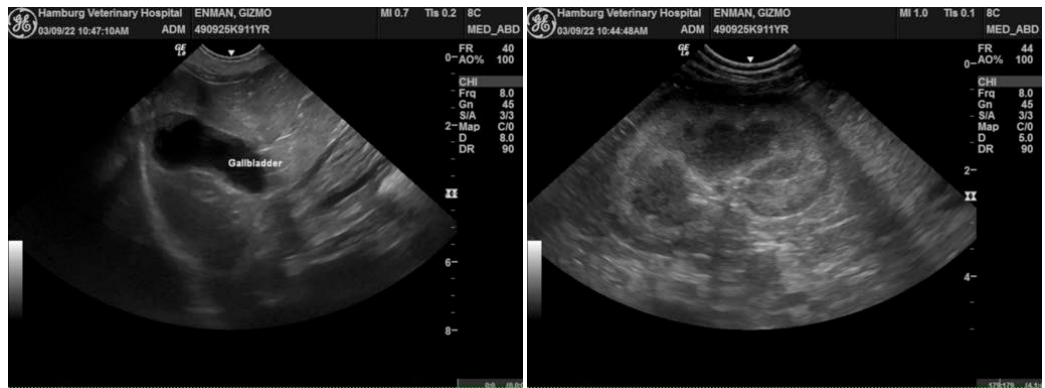
Gizmo Enman

SPECIES

Canine

BREED

Chihuahua/Pug



SEX

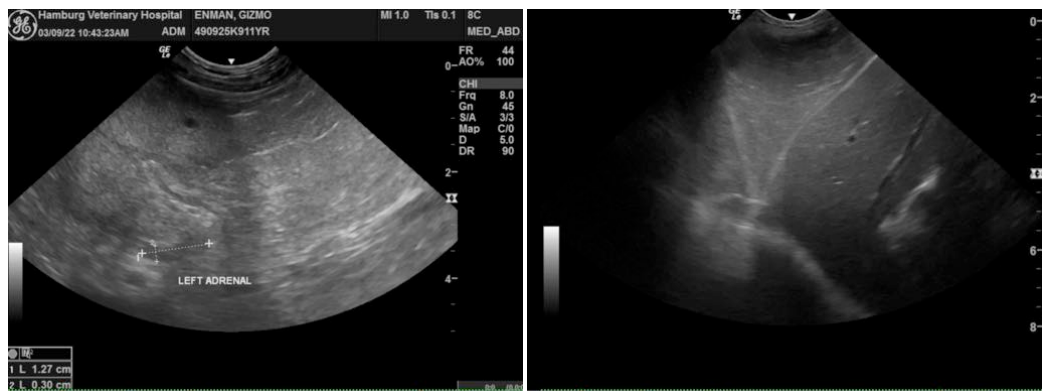
Neutered male

AGE

11 years

WEIGHT

16 lbs



INTERPRETED BY

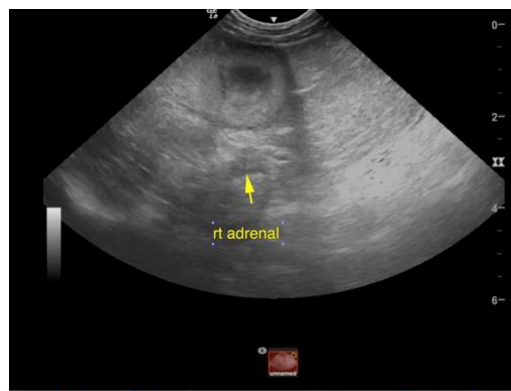
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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SEX

Neutered male

AGE

11 years

WEIGHT

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