



PATIENT PRESENTING CLINICAL SIGNS

Misty Barosi Diagnosed with Cushing's last year, not clinical. ALKP 954, ALT 439, BUN 88, creatinine 2.8

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Italian Greyhound

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. 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

Spayed female

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. Minor pyelectasia was noted along with occasional cortical cyst. Both kidneys measured 4.5 cm.

AGE

12 years

INTERPRETED BY Adrenal Glands

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The left adrenal gland measured 1.9 cm. The right adrenal gland measured 1.96 x 0.92 cm at the cranial pole and 0.56 cm at the caudal pole.

IMAGING PERFORMED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME Spleen

Andover AH

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.

REFERRING VET

Dr. Lind

INVOICE Liver

30356

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele. However, the sludge appears to be mildly excessive. No adjunctive inflammation was noted. The gallbladder measured 5.0 x 4.0 cm with suspended and immobile debris. Some striation was noted. This is consistent with emerging mucocele.

DATE

5/13/22



PATIENT

Gastrointestinal

Misty Barosi

The **stomach** revealed a 2.2 cm linear structure that was non-obstructive, yet may be irritative. The small intestines and colon were unremarkable.

SPECIES

Canine

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED

Italian Greyhound

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

Gastric foreign body.

AGE

12 years

Emerging gallbladder mucocele.

Moderate degenerative renal changes.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

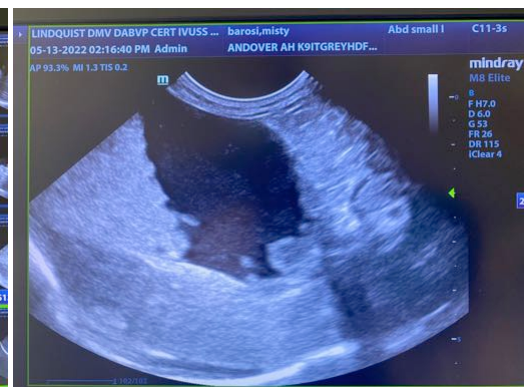
I am most concerned about the kidneys in this patient. Blood pressure measurements +/- urine culture and sensitivity and 72 hour IV fluid protocol is warranted. Eventual endoscopy for the gastric foreign body can be considered. Ursodiol is recommended over the next 6-8 weeks. A recheck sonogram is recommended at that time. Due to the renal presentation the prognosis is guarded.

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SPECIES

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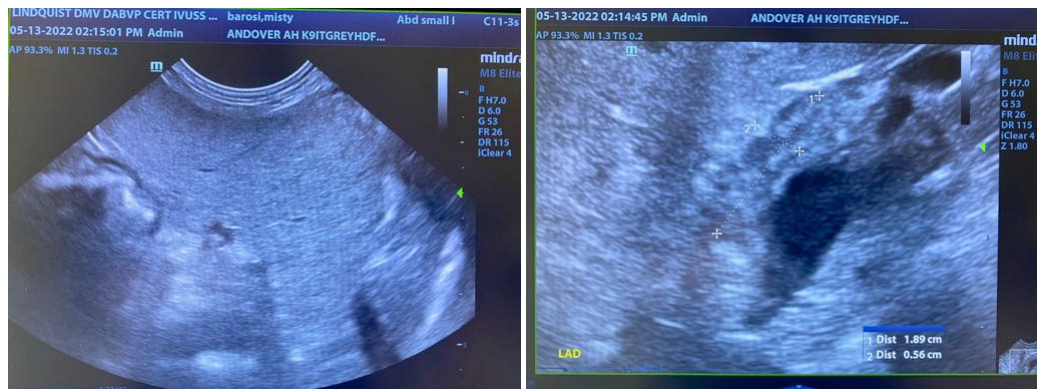
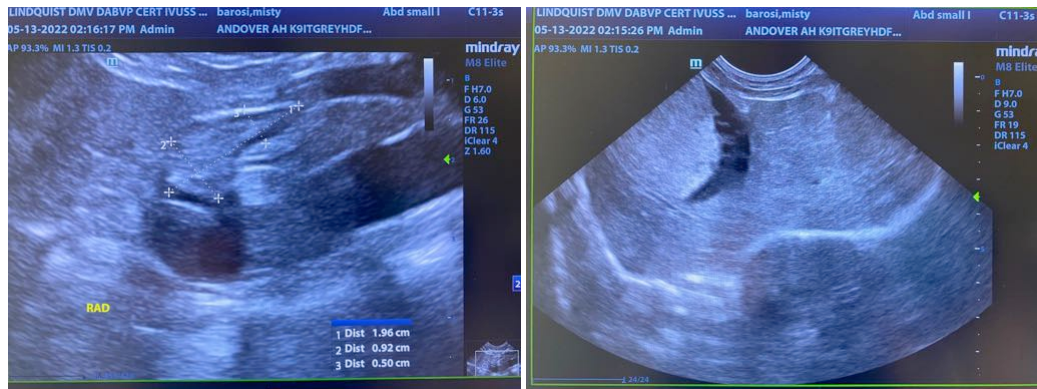
Dr. Lind

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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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