



PATIENT

Bear Keyishian

PRESENTING CLINICAL SIGNS

emaciated, 3 month hx of vomiting, still eating and defecating. R/O FB vs neoplasia vs other
Abnormal PE/Chem/CBC/UA Results: wnl

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

German Shepherd

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 were noted. Ureteral papillae were normal.

SEX

Intact Male

The iliac trifurcation was unremarkable.

AGE

8 Years

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. Some edema lines noted, suggestive of prostatitis. The prostate measured 5.0 cm in width.

WEIGHT

63 Pounds

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 left kidney measured 8.2 cm. The right kidney measured 8.88 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

IMAGING PERFORMED BY

Diane McFadden

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 right adrenal gland measured 4.69 cm x 1.52 cm at the cranial pole and 0.60 cm at the caudal pole. The left adrenal gland measured 3.15 cm x 0.50 cm at the caudal pole and 0.70 cm at the cranial pole.

HOSPITAL NAME

Advanced Vet Care

Spleen

The **spleen** was folded upon itself caudally. Slight granular heterogeneous parenchymal changes noted.

REFERRING VET

Dr. Gadallah

Liver

The **liver** was diffusely hyperechoic to minimal falciform fat. Hypoechoic nodular change noted measuring 1.5 cm at the mid cranial liver, non-disrupted architecture. Other minor heterogeneous nodular changes noted. The gallbladder and common bile duct were unremarkable.

INVOICE

33491

Gastrointestinal

The **stomach** was overdistended with chyme, consistent with bloating. The small intestine revealed mucosal fogging.

DATE

12/16/21

Pancreas

The **pancreas** was prominent and hypoechoic, measuring 2.0 cm in width in the right limb.



PATIENT

Free Abdomen

Bear Keyishian

A minimal amount of body fat was noted in this patient.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Delayed outflow gastric pattern
- Mucosal fogging in the small intestine
- Possible low-grade pancreatitis
- Nodular hyperplasia liver pattern
- BPH prostate

BREED

German Shepherd

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Intact Male

The patient may be predisposed to bloat formation. Malassimilation of nutrients suspected. Promotility medications and BID canned diet recommended with GI protectants and reassessment of the clinical signs. Attention should be paid towards potential onset of bloat in this patient given the gastric overdistention and the folded spleen. This may be a precursor to gastric torsion, yet the gastric axis appeared to be in the proper position at the time of the sonogram. Maldigestion panel recommended.

AGE

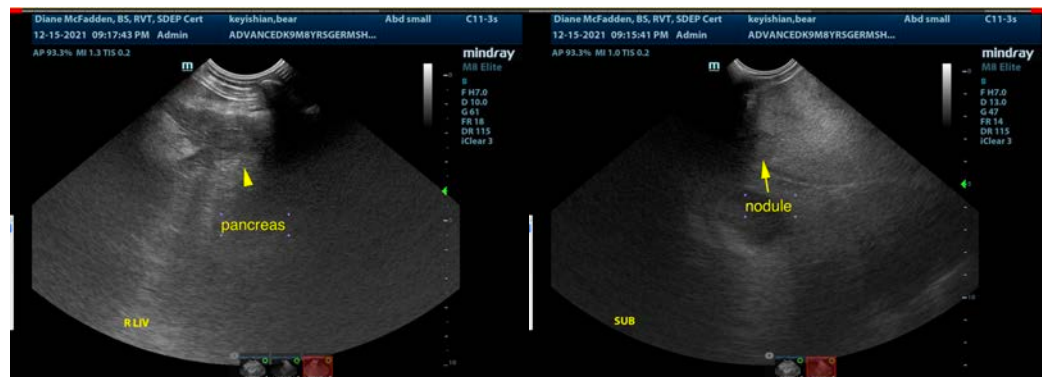
8 Years

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SPECIES

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BREED

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SEX

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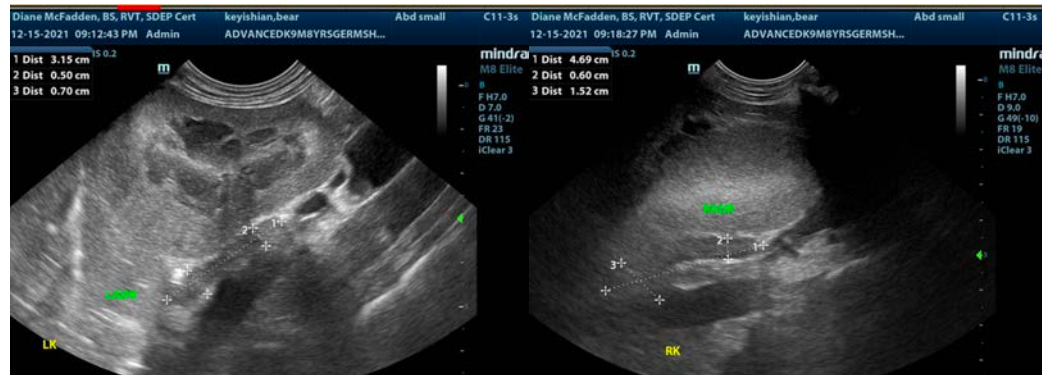
Dr. Gadallah

INVOICE

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DATE

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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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