



PATIENT PRESENTING CLINICAL SIGNS

Maisie Kelly
Presented at our hospital for Friday night stopped eating and she was shaking and lethargic at home this weekend. Seen at reg vet today; Transfer from RDVM for azotemia
Abnormal PE/Chem/CBC/UA Results: Abdominal: tense with palpation 1) Reviewed Rads from reg vet – no obvious FB/obstruction/masses, right kidney appears to be enlarged 2) Reviewed BW from reg vet – mild azotemia, mild ALP elevation, dehydration 3) Lepto Witness Test – positive 4) PLI – normal 5) EPOC - azotemia

SPECIES

Canine

BREED

Bichon X

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Spayed Female

The **kidneys** were slightly swollen with loss of corticomedullary definition and pyelectasia noted. The right kidney measured 6.25 cm. The left kidney measured 5.82 cm. Both kidneys were hypervascular, especially the right kidney.

AGE

2 Years

Adrenal Glands

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 0.60 cm at the cranial pole and 0.40 cm at the caudal pole.

WEIGHT

6.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

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 were noted.

IMAGING PERFORMED BY

Erin Wicks

Liver

HOSPITAL NAME

Shores VEC

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 presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Dr. Lupole

Gastrointestinal

INVOICE

33490

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.

DATE

12/16/21



PATIENT

Pancreas

Maisie Kelly

Heterogeneous **pancreatic** changes noted with hypoechoic parenchyma with enhanced hyperechoic surrounding fat, suggestive for inflammation.

SPECIES

Free Abdomen

Canine

Free fluid noted in the abdomen.

BREED

Bichon X

Pleural effusion noted through the diaphragm.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Swollen kidneys with retroperitoneal fluid
- Pancreatitis pattern
- Pleural effusion

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Leptospirosis is a strong potential. CBC/Chem/UA and blood pressures all indicated. Protein losing disease possible as cause of dual cavity effusion. No evidence of neoplasia. However, the renal presentation appears particularly aggressive. 3-view chest radiographs warranted to assess the pleural effusion. Prognosis is guarded depending upon further information.

WEIGHT

6.6 kg

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Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

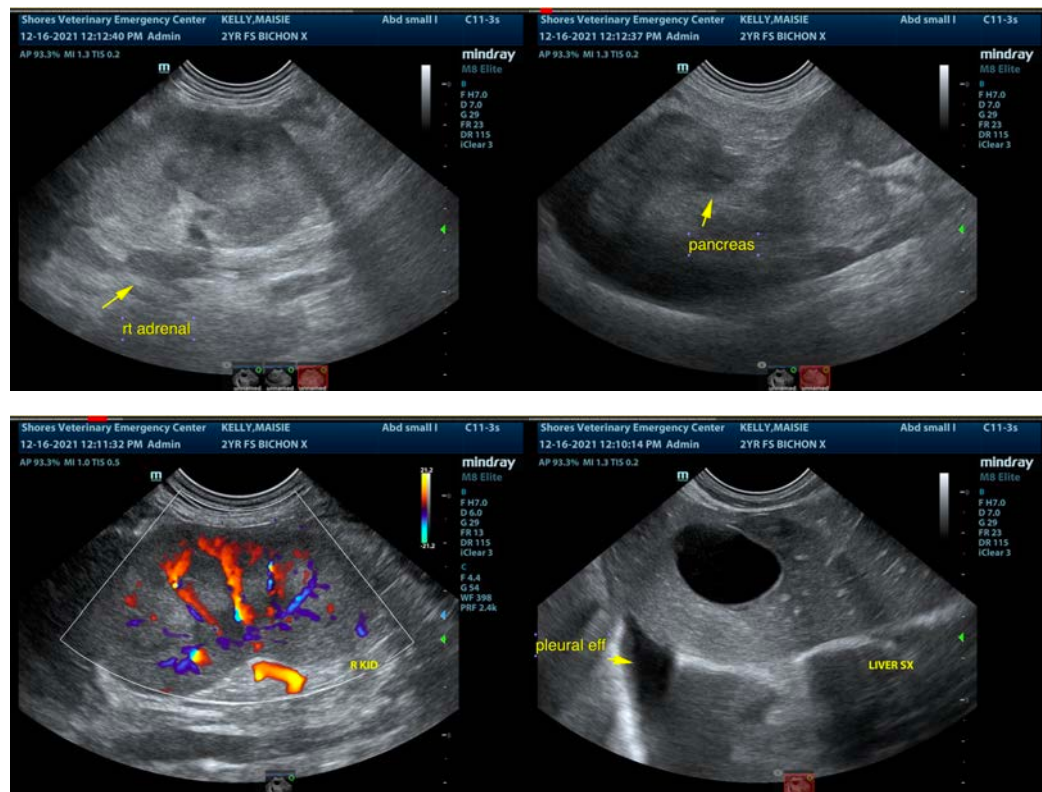
Dr. Lupole

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DATE

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PATIENT

Maisie Kelly

SPECIES

Canine

BREED

Bichon X

SEX

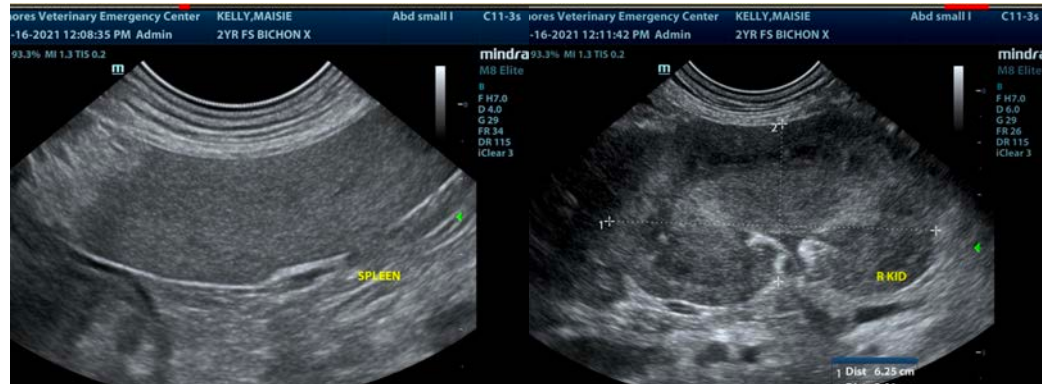
Spayed Female

AGE

2 Years

WEIGHT

6.6 kg



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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

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