



PATIENT

Phoebe Bird

PRESENTING CLINICAL SIGNS

PU/PD.
ALT 287, K 3.3

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Boxer Cross

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 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 6.5 cm. The right kidney measured 7.05 cm.

AGE

6 ½ years

WEIGHT

45 lbs

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 left adrenal gland measured 2.11 x 0.57 cm. The right adrenal gland measured 2.29 x 0.67 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed minor micronodular changes. There is a potential that this represents early involvement.

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

Foxfield

Liver

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

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Gastrointestinal

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. The mesenteric lymph nodes

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were enlarged, hypoechoic and irregular with enhanced surrounding mesentery. The lymph nodes measured 3.68 x 1.23 cm.

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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. Pancreatic lymph node was enlarged and measured 1.53 cm.

BREED

Boxer Cross

SEX

ULTRASONOGRAPHIC FINDINGS

Spayed Female

Multi-focal, aggressive lymphadenopathy with regional inflammation.

Minor micronodular splenic changes.

AGE

6 ½ years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the accessible lymph nodes is recommended. The pancreas was normal other than secondary inflammation from the regional lymphadenopathy. Lymphoproliferative disease is suspected such as round cell neoplasia. Cytology and culture is recommended.

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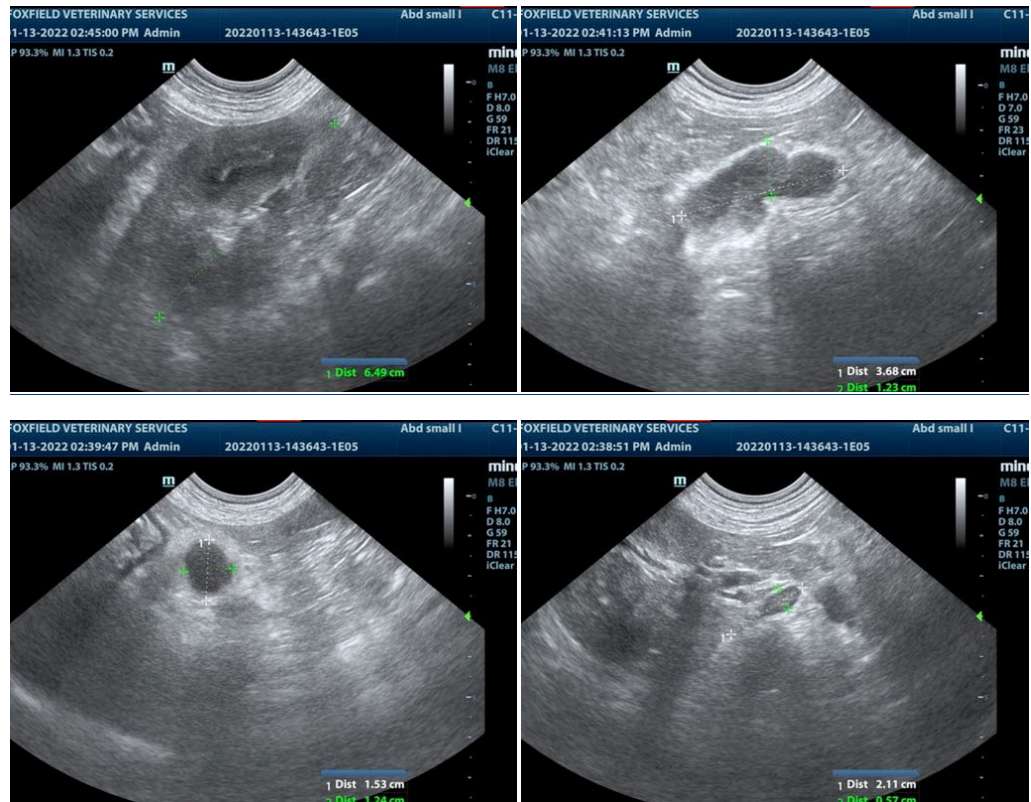
Dr. Rodriguez

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SPECIES

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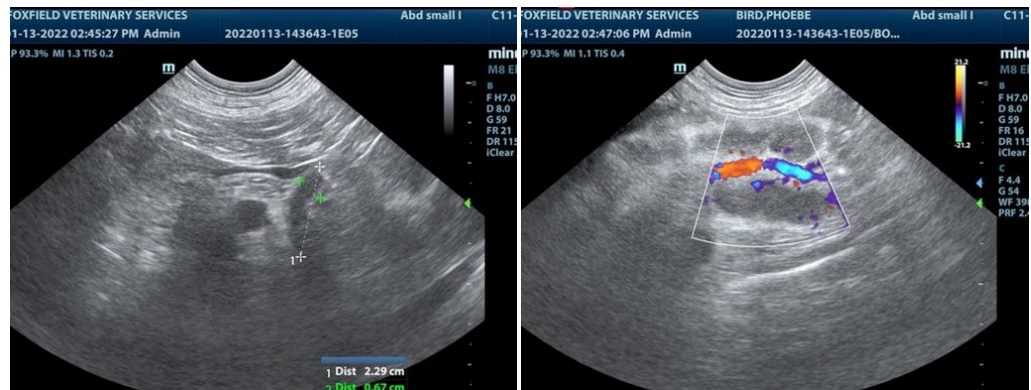
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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