



PATIENT

Max Amore

PRESENTING CLINICAL SIGNS

Abnormal PE/Chem/CBC/UA Results: Resting cort WNL. Not UTD on leptovac. ALT: 412. ALB:3, Glob: 3.3, amy: 1389, Lip: 1734HCT: 52.7WBC: 12.89

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pit 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

Neutered male

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 right kidney measured 7.12 cm. The left kidney measured 6.87 cm.

AGE

7 years

WEIGHT

98.8 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 2.57 x 0.9 cm. The right adrenal gland measured 2.78 x 0.9 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Dr. Rodriguez

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.

HOSPITAL NAME

Foxfield

Liver

REFERRING VET

Dr. Rodriguez

The **liver** revealed mildly increased portal markings with coarse architecture and mild irregular contour. The gallbladder was double layered with increased portal markings.

INVOICE

31890

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 colon was fluid filled with soft stool noted in the colon. Reactive mesentery was noted around the stomach and small intestine

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with variable GI thickening. There was no overt loss of mural detail. Mesenteric lymph nodes were enlarged and measured 1.5 cm.

SPECIES

Canine

Pancreas

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.

BREED

Pit Cross

Free Abdomen

SEX

Neutered male

A large amount of abdominal fat was noted in this patient. Reactive mesentery was noted throughout the midabdomen. Localized free fluid was noted, likely inflammatory.

AGE

7 years

ULTRASONOGRAPHIC FINDINGS

Pancreatitis and steatitis in the cranial and mid abdomen.

Cholangitis, cholangiohepatitis liver pattern.

WEIGHT

98.8 lbs

Gastroenteritis with reactive mesentery.

Areas of free fluid.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I cannot rule out an emerging lymphomatosis, carcinomatosis or similar. Even though the patient is vaccinated for Leptospirosis I cannot rule out that potential. Ampicillin and Metronidazole as well as plasma expanders are all indicated. Hepatic and mesenteric lymph node FNA is indicated. Recheck sonogram is recommended in 48 hours. GI protectants and aggressive fluid therapy is indicated. There is no evidence of a foreign body. No obvious neoplastic criteria is met; however, emerging lymphomatosis, mastocytosis or similar cannot be completely ruled out given the reactive mesentery and localized free fluid.

IMAGING PERFORMED BY

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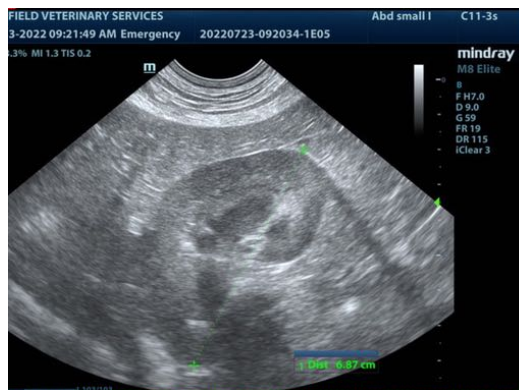
Dr. Rodriguez

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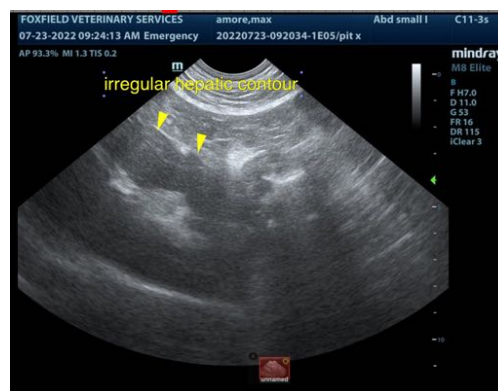
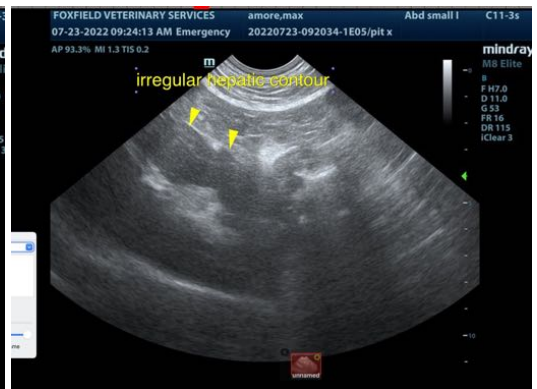
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

BREED

Pit Cross

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.

SEX

Neutered male

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

AGE

7 years

WEIGHT

98.8 lbs

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