



PATIENT

Mia Detommaso

SPECIES

Canine

BREED

Chihuahua

SEX

Intact female

AGE

10 years

WEIGHT

7.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chelsea Pastor

HOSPITAL NAME

Fredon AH

REFERRING VET

Dr. Grau

INVOICE

99266

DATE

4/13/22

PRESENTING CLINICAL SIGNS

Poor appetite, some vomiting
Abnormal PE/Chem/CBC/UA Results: PE: nsf WBC: 20.46 Albumin: 1.9 ALT: 673 ALKP: 1887 GGT: 101 Bili: 3.2 AMYL: 1976 ddx different hepatic diseases

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 was noted. Ureteral papillae were normal.

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 3.0 cm. The right kidney measured 3.26 cm.

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 1.13 x 0.51 cm.

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 was noted.

Liver

The **liver** revealed slightly increased portal markings. This is consistent with cholangitis. The gallbladder was mildly over distended.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The mid small intestine revealed an undifferentiated mass in the jejunum. Regional inflammation extended into the regional omentum, but



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does not appear cleanly resectable. This is likely intestinal lymphoma. Regional lymphadenopathy present.

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Pancreas

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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

Chihuahua

ULTRASONOGRAPHIC FINDINGS

SEX

Intestinal mass with regional mesenteric involvement.

Intact female

Mesenteric lymphadenopathy and cholangitis pattern with excessive gallbladder debris.

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

10 years

Intestinal lymphoma with paraneoplastic protein losing enteropathy is likely with potential hepatic involvement, likely hepatic involvement given the bilirubin elevations.

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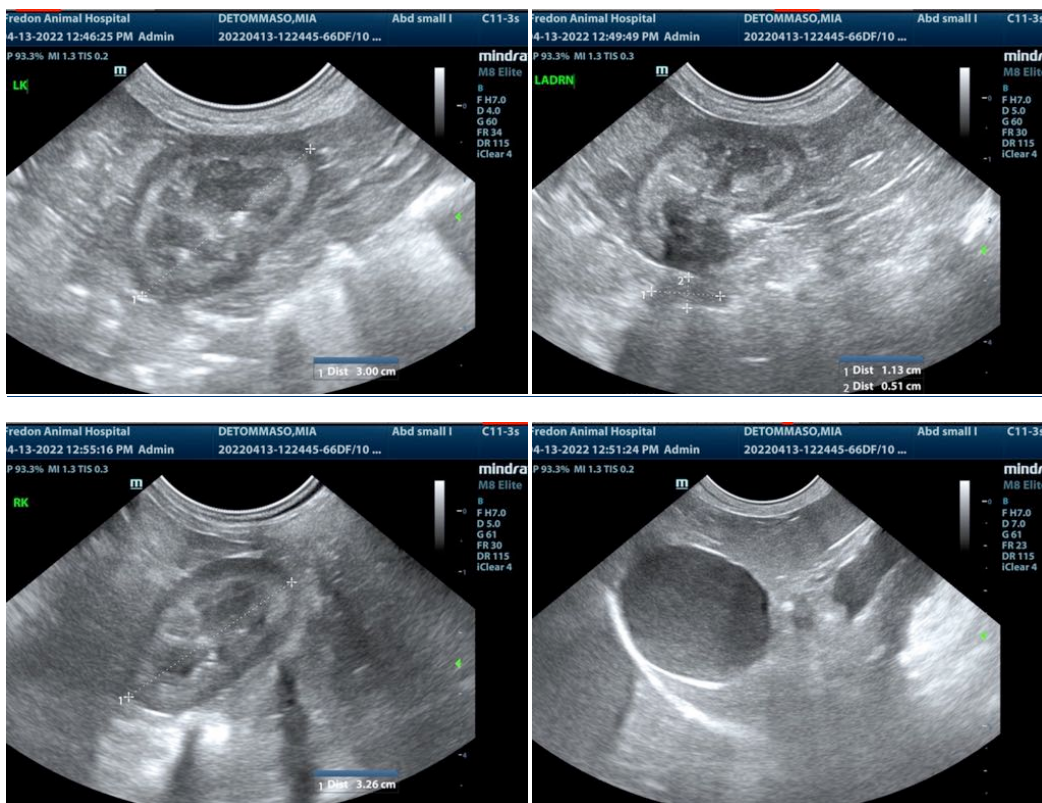
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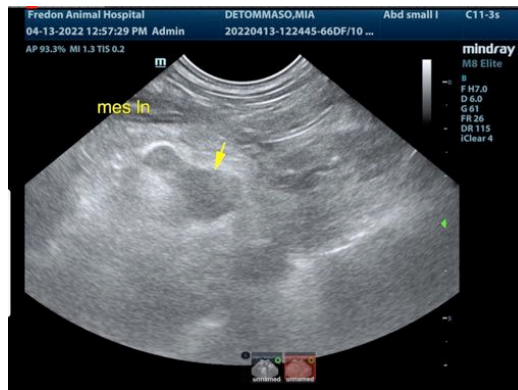
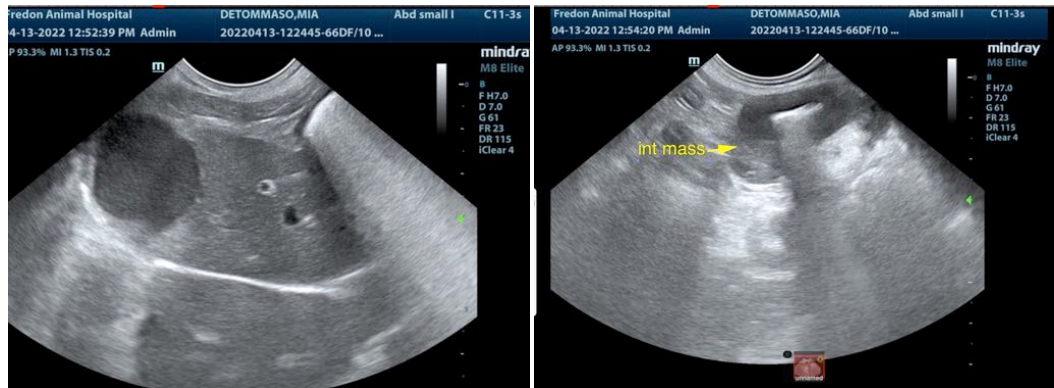
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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info@SonoPath.com