



PATIENT

Rita Thomas

PRESENTING CLINICAL SIGNS

History: PU/PD Vomiting, inappetent, only mild improvement on Flagyl, amoxi, Denamarin.
Abnormal PE/Chem/CBC/UA Results: ALT >1,000, ALkphos 1231, GGT 75, TP 2.5

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Chihuahua

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

AGE

11 years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.15 cm. The right kidney measured 2.82 cm.

WEIGHT

7.5 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 0.4 cm.

IMAGING PERFORMED BY

Dr. Roche

Spleen

HOSPITAL NAME

Fredon AH

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.

REFERRING VET

Dr. Roche

Liver

INVOICE

91295

Gastrointestinal

DATE

8/17/21

There was minor retention of chyme noted in the **stomach**. There was a 1.0 cm shadowing material noted in the pylorus. This may be medication. The intestines were free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



PATIENT

demonstrated normal luminal chyme and stool consistency respectively. Soft stool was noted in the colon.

Rita Thomas

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.

BREED

Chihuahua

ULTRASONOGRAPHIC FINDINGS

SEX

Acute hepatic insult.

Spayed Female

Minor shadowing material in the pylorus.

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

11 years

Leptospirosis or similar should be considered. FNA of the liver would be recommended for further definition. Ampicillin, Metronidazole and nutraceuticals are all indicated.

WEIGHT

7.5 lbs

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HOSPITAL NAME

Fredon AH

REFERRING VET

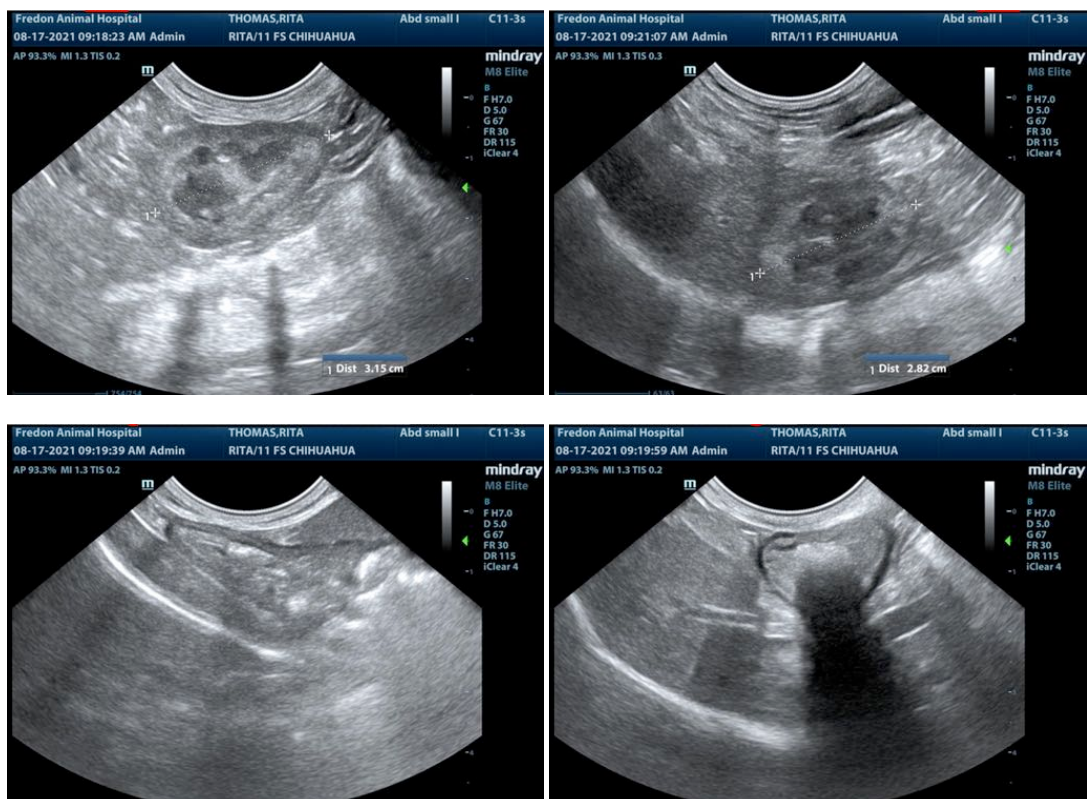
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SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

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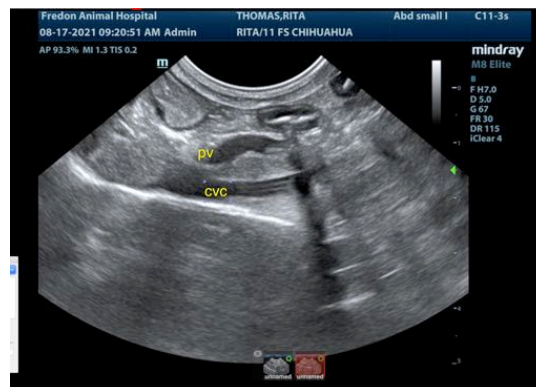
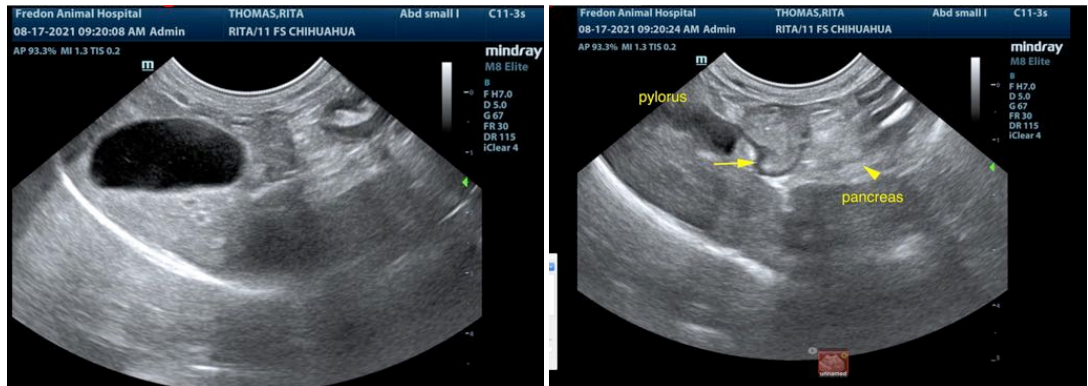
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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