



PATIENT

Cheerio Taima

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 Years

WEIGHT

12.3 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

Foxfield Vet Services

REFERRING VET

Dr. Rodriguez

INVOICE

37524

DATE

5/8/22

PRESENTING CLINICAL SIGNS

Presented for dermatitis and comprehensive bloodwork which indicated and U/S was needed
Abnormal PE/Chem/CBC/UA Results: TP: 8.9, ALB: 2.9, Glob: 6, AST: 158, ALT: 628. ALK: 157, T4: 4.9, Urine bilirubin 1

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. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.06 cm. The left kidney measured 4.72 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 0.56 cm.

Spleen

The **spleen** presented a hyperechoic lipogranuloma measuring 0.90 cm.

Liver

The **liver** revealed a hyperechoic lipogranulomatous change measuring up to 0.71 cm. Increased portal markings present throughout the liver. The left lateral liver presented hypoechoic, irregular lobar swelling. Hepatic lymph nodes were mildly enlarged, reactive, measuring 1.66 cm x 0.77 cm. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with 1:1 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility.

Pancreas

The **pancreas** was hypoechoic and irregular, primarily in the left limb.



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ULTRASONOGRAPHIC FINDINGS

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- Inflammatory hepatopathy with potential for emerging round cell neoplasia
- Diffuse intestinal thickening
- Hypochoic, irregular left pancreas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA spleen and liver warranted for further definition to rule out neoplasia and establish inflammatory cell type. Prognosis is guarded.

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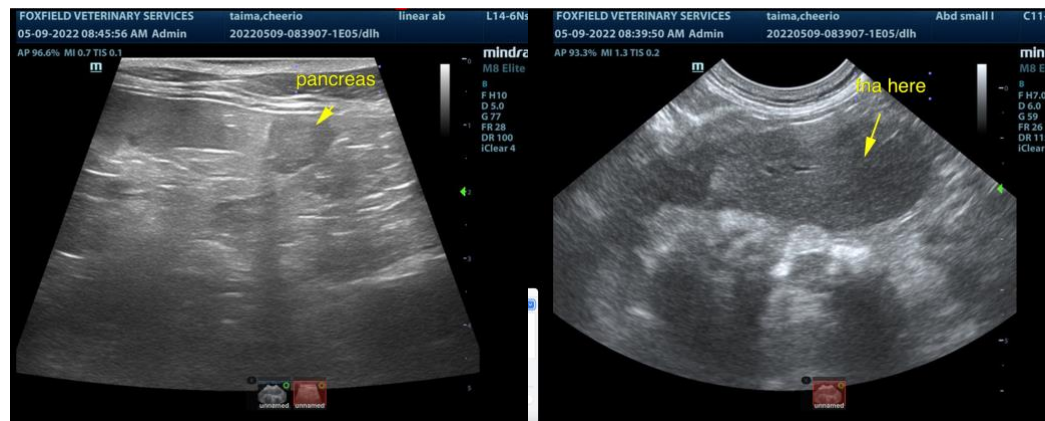
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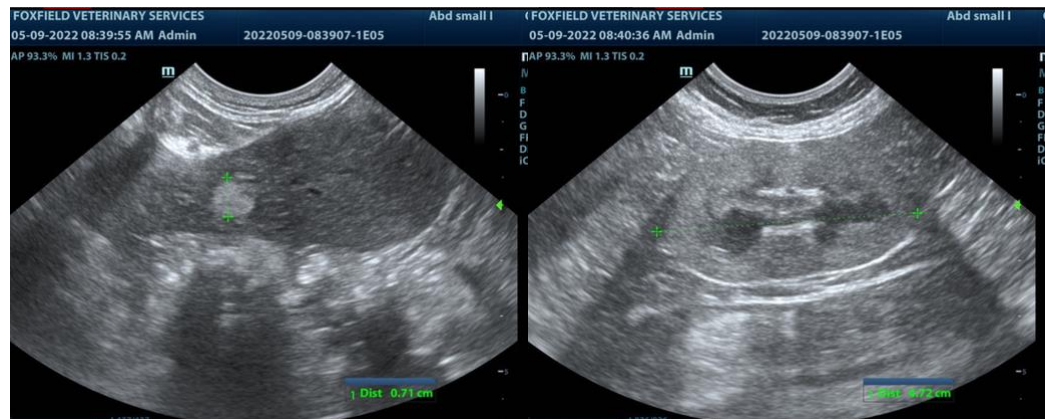
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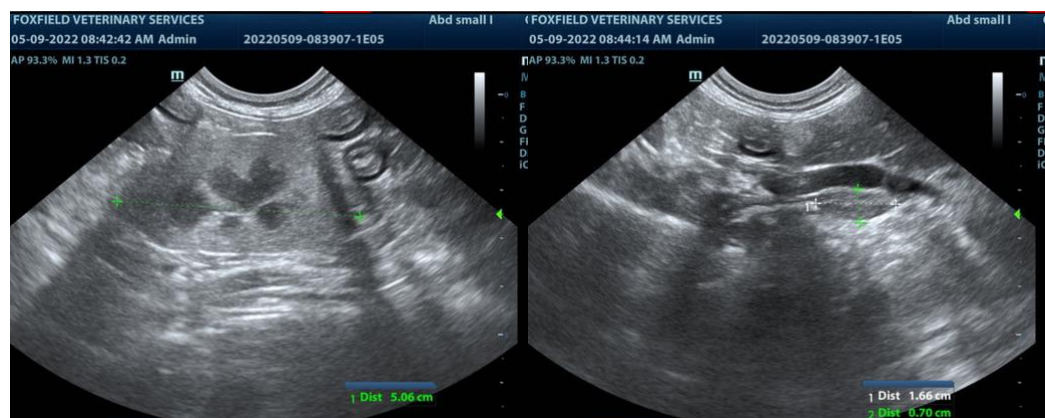
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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