

**DATE**

4/20/22

**PRESENTING CLINICAL SIGNS**

Elevated ALT for a couple of years with occasional vomiting. No other concerns.

Current Medications: Denamarin.

Lab Results: ALT 595 on 3/23/22, ALT 346 on 2/10/22.

**PATIENT**

Date of Previous IntraPet Ultrasound: Non previous.

Lina Liu

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Stephanie Pearce RDCS, RVT.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System****BREED**

Corgi

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 right kidney measured 4.89 cm. The left kidney measured 5.5 cm.

**AGE**

12/14/15

**Adrenal Glands****WEIGHT**

33 lbs

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 right adrenal gland measured 1.82 x 0.85 cm at the caudal pole and 0.65 cm at the cranial pole. The left adrenal gland measured 2.01 x 0.51 cm at the caudal pole and 0.45 cm at the cranial pole.

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS**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.

**HOSPITAL NAME**

Banfield Columbia

**REFERRING VET**

Dr. Lee

**Liver**

The **liver** revealed slight coarse architecture. The parenchyma was fairly uniform and normal in size. The gallbladder and common bile duct were unremarkable.

**INVOICE**

99419

**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. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

### **Pancreas**

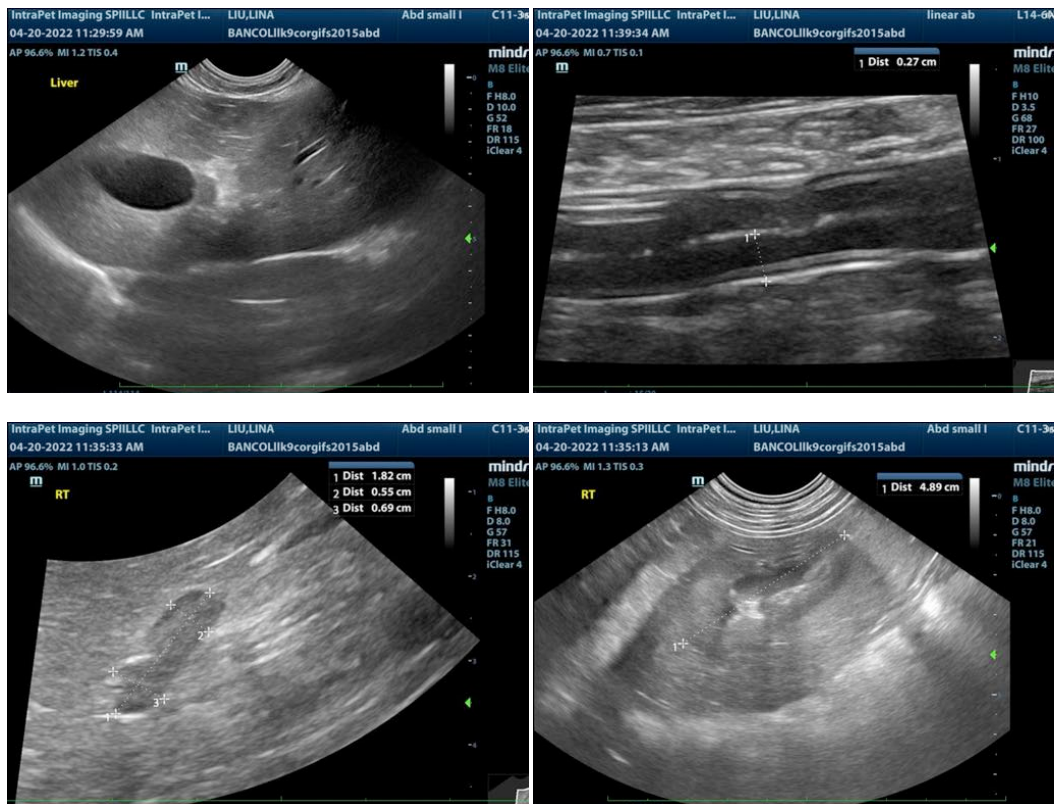
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

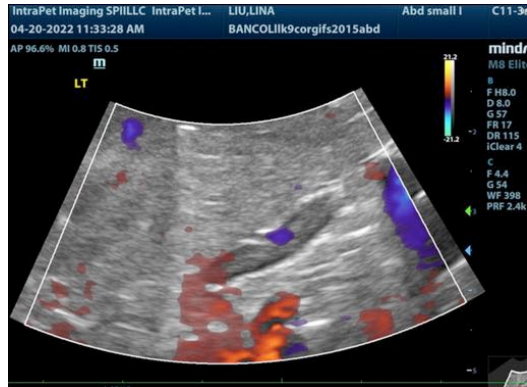
### **ULTRASONOGRAPHIC FINDINGS**

Non-specific, mild inflammatory hepatopathy, likely reactive hepatopathy/antigen surveillance issues.

### **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA of the liver can be considered. Empirical diet change to hydrolyzed diet with 7-10 days of Metronidazole and Amoxicillin with reassessment of the liver enzymes is recommended. Subjectively the hepatic presentation appears benign.





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.

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