

**DATE**

9/26/22

**PRESENTING CLINICAL SIGNS**

History: Yesterday anorexia, lethargy; Hx of intermittent episodes of anorexia/ lethargy but usually resolves within a day. Hx: Sleeping often. Hx: Seizures- not on medications. On HW prevention. Initial exam: Laterally recumbent, low Temp, bradycardic. Depressed, ambulatory but weak.

**PATIENT**

Mouse Dehn

Current Medications: Dextrose + KCL, Cerenia, B12.

Lab Results: PCV/TP: 57/5, Glucose: low --> 69 --> 78 --> 130

**SPECIES**

CBC/CHEM/LYTES: WBC 22k, Neutrophilia 15k, Bands, Lymph 5.2k , mono inc, Crea low, BUN 39, Ca low 7.4, Low 4.9, Low chol, amylase low, Na low, K low 2.9. UA: > 1050, ph 6.45, Glu/bil/ketones --> No bacteria/crystals; NH3 5

Canine

**BREED**

Radiographs: NSF

Date of Previous IntraPet Ultrasound: No previous.

Chihuahua

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

**SEX**

Imaging Performed By: Rachel Brillhart, RDMS.

Neutered Male

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****AGE**

4/2/15

**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.

**WEIGHT**

2.51 Pounds

The left **kidney** was slightly subnormal in size, the right kidney was normal in size. The kidneys revealed normal 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 2.74 cm. The right kidney measured 2.86 cm. Slight pinpoint mineralizations were noted.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**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 right adrenal gland measured 1.38 cm x 0.43 cm at the caudal pole and 0.42 cm at the cranial pole. The left adrenal gland measured 1.11 cm x 0.38 cm at the caudal pole and 0.41 cm at the cranial pole.

**HOSPITAL NAME**

Animal Emergency  
Hospital

**REFERRING VET**

Dr. Thompson

**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 were noted.

**INVOICE**

17459

**Liver**

The **liver** was mildly subnormal in size and revealed slight coarse architecture and increased portal markings. The portal vein to vena cava ratio was 1:1. The portal vein measured 0.5 cm. No evidence of

macroscopic shunting. The gallbladder revealed minor gallbladder debris. The common bile duct was unremarkable.

### ***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***

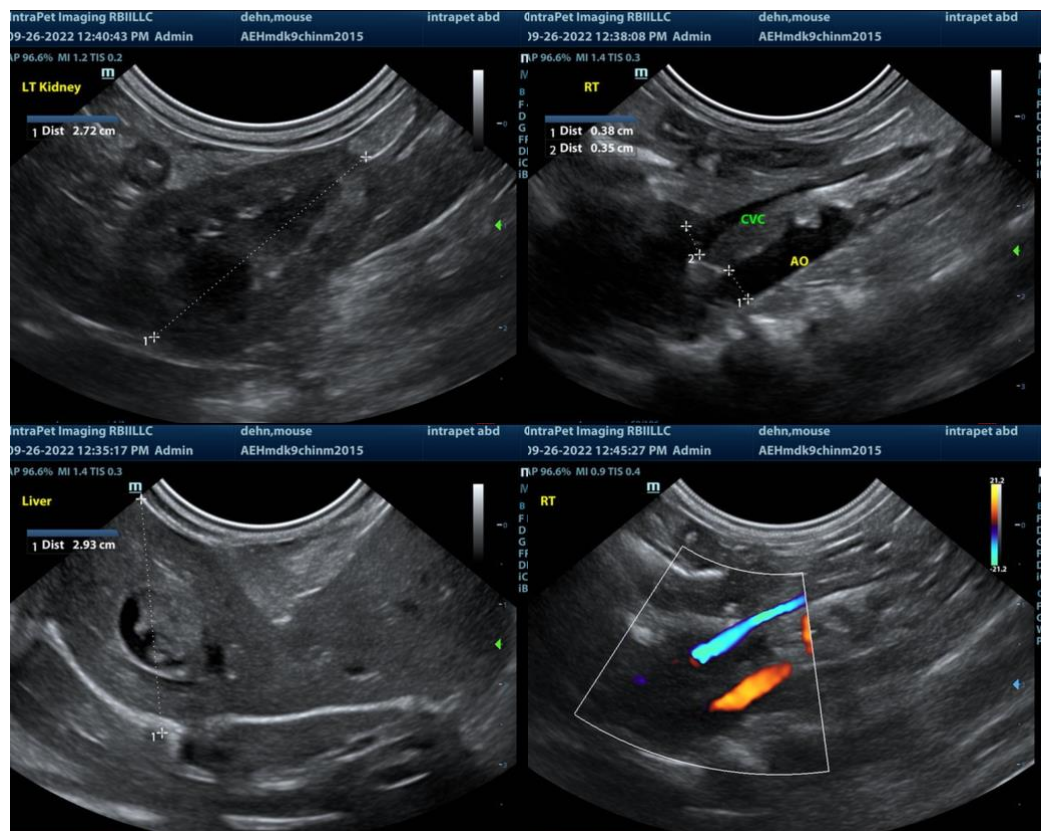
The **pancreas** revealed heterogeneous mixed hypoechoic parenchymal changes with enhanced mesentery, suggestive for pancreatitis.

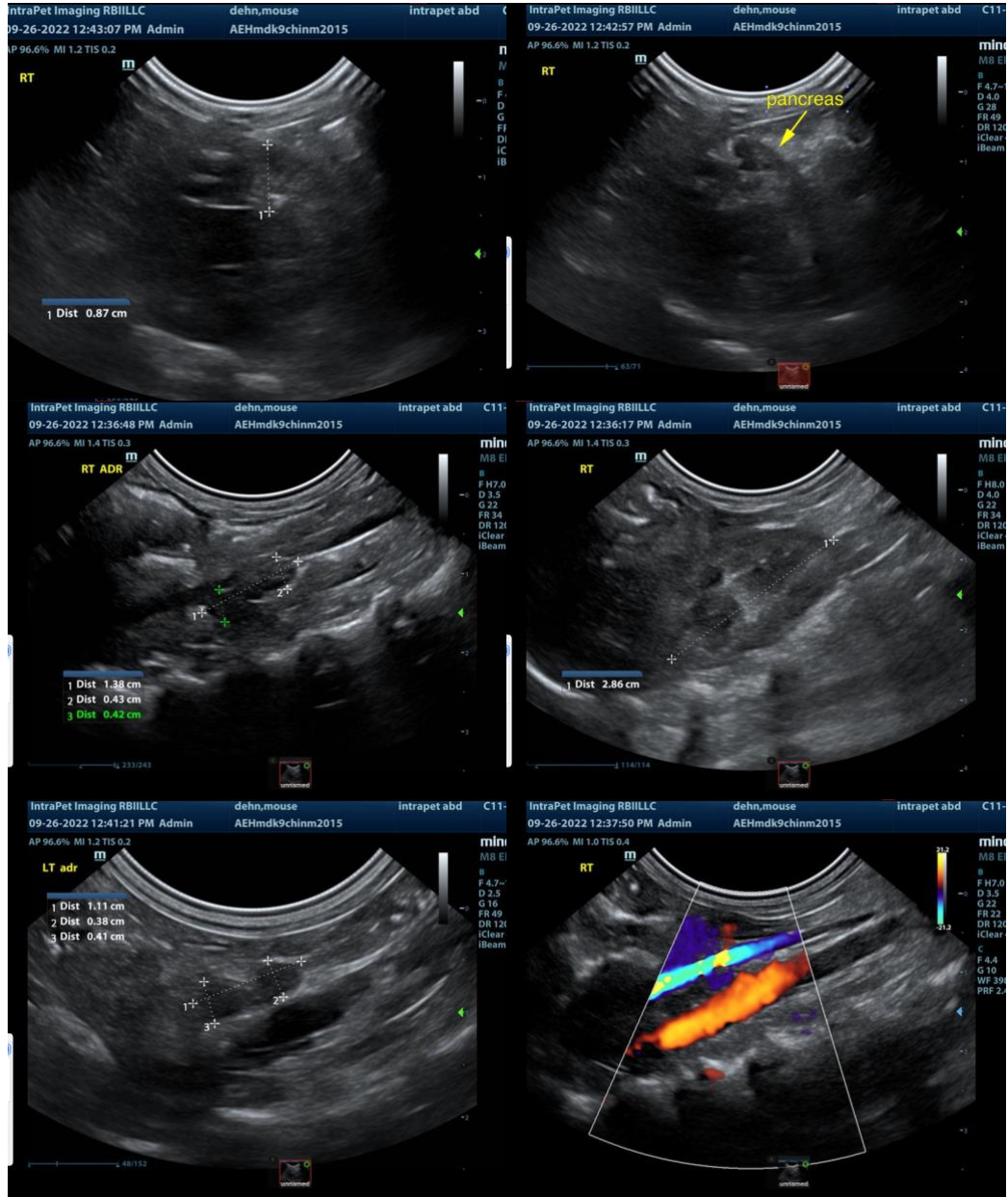
### **ULTRASONOGRAPHIC FINDINGS**

- Chronic active pancreatitis pattern
- Hepatic remodeling/cholangitis pattern, potential microvascular dysplasia/portal vein hypoplasia
- Slightly subnormal left kidney size

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

Liver biopsy is warranted if bile acids are elevated.







**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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