

**DATE PRESENTING CLINICAL SIGNS**

7/16/23

**PATIENT**

Duck Meixsell

Yesterday P was acting fine O offered P half of his dinner before going to work- ate fine; then offered second half around 8:30 pm and P ate very slowly. P hasn't gotten into the trash. No rat poison, no ant bait. Possible Exposure to Japanese Beetle Bag on Tuesday but not eaten. On monthly flea/tick and HW. UTD on Lepto, not sure about Lyme.

**SPECIES**

Canine

Current Medications: Previale, Pantoprazole, Maropitant /citrate, Ondansetron, Metronidazole, Buprenorphine.

Lab Results: Attached.

Radiographs: Abdomen (2 view) show fluid distended intestine but no obvious FB, obstruction or mass. VD chest NSF.

**BREED**

Beagle

Date of Previous IntraPet Ultrasound: No previous.

Sedation: IV: Ace.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

**SEX**

Neutered Male

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

5/31/19

**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.

**WEIGHT**

39 Pounds

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 5.9 cm. The left kidney measured 5.52 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**HOSPITAL NAME**

Animal Emergency  
Hospital

**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 2.7 cm x 0.73 cm at the caudal pole and 0.57 cm at the cranial pole. The right adrenal gland measured 2.75 cm x 0.66 cm at the caudal pole and 0.72 cm at the cranial pole.

**REFERRING VET**

Dr. Hicks

**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**

43886

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was

noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were 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***

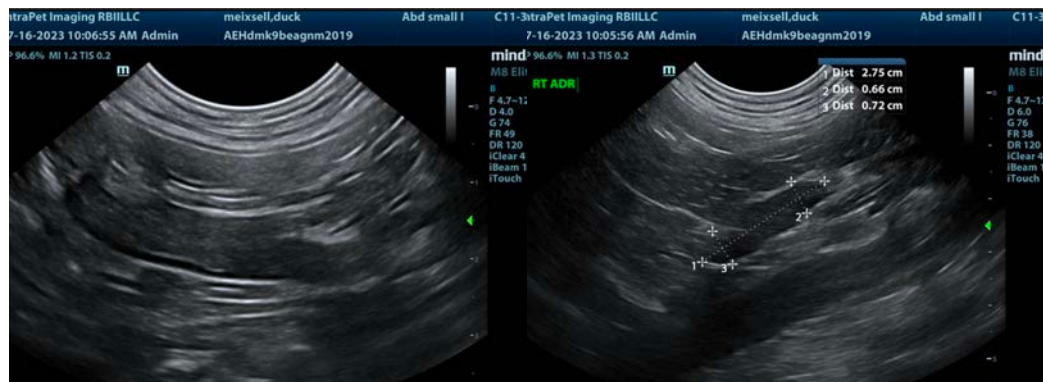
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

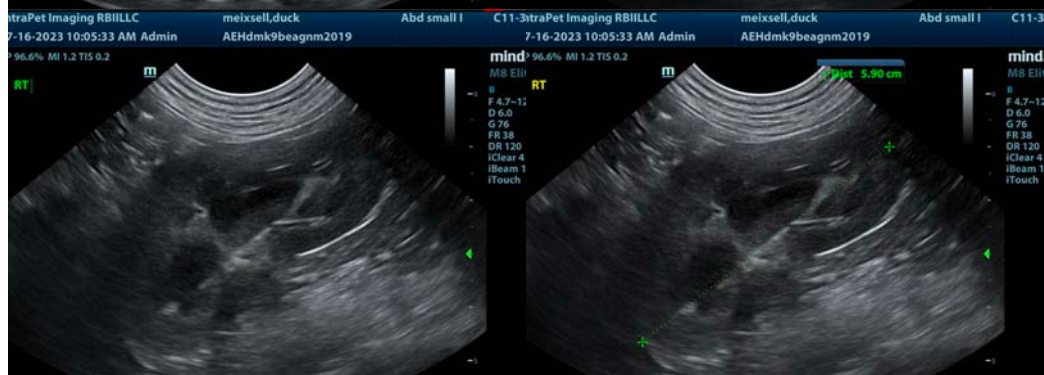
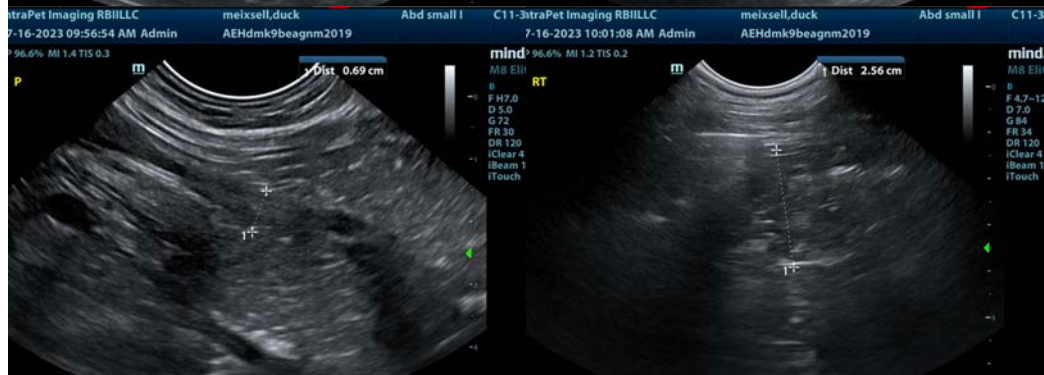
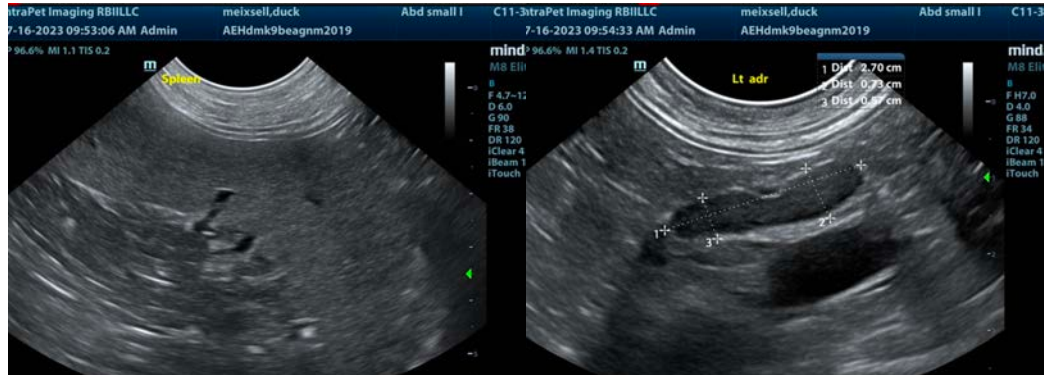
## **ULTRASONOGRAPHIC FINDINGS**

- Structurally unremarkable abdomen with age related hepatic and pancreatic changes

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

No evidence of visceral disease related to the clinical status. CBC path review +/- bone marrow aspirate warranted, given the hemoconcentration in this patient. IV fluid support warranted to potentially correct the hemoconcentration.





**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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