

**DATE**

9/17/21

PRESENTING CLINICAL SIGNS

History: Patient presented for a pre-dental examination. Per owner, patient had a history of liver issues. On examination, patient had moderate - severe tartar, predominantly on incisors and canines. On cardiac auscultation, sinus arrhythmia ausculted. The rest of examination was normal. On bile acids test, the post-prandial bile acids were elevated.

PATIENT

Brandon Alicea

Current Medications: No current medications.

Lab Results: Bile Acids: Pre 8.5; Post 48.5. Chemistry: AST 63, CK 473, Glucose 60. CBC: HCT 67.8%.

Radiographs: Not provided by the veterinarian.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

SPECIES

Canine

Sedation: Not needed.

Stat Report: Not requested.

BREED

Chihuahua

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Neutered male

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.

AGE

10/1/14

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 left kidney measured 3.28 cm. The right kidney measured 3.0 cm.

WEIGHT

7.125 lbs

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 1.41 cm x 0.38 cm at the caudal pole and 0.5 cm at the cranial pole. The left adrenal gland measured 1.2 cm x 0.32 cm at the caudal pole and 0.25 cm at the cranial pole.

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**Spleen**

Fatty deposits noted in the **spleen**- not pathological.

HOSPITAL NAME

Chadwell AH

Liver

The **liver** was subnormal in size, uniform. The gallbladder and common bile duct were unremarkable. Intrahepatic and extrahepatic vascularity appeared normal. The portal vein/vena cava ratio was 1:1. No evidence of intrahepatic or extrahepatic shunting.

REFERRING VET

Dr. Heydt

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.

INVOICE

13136

Pancreas

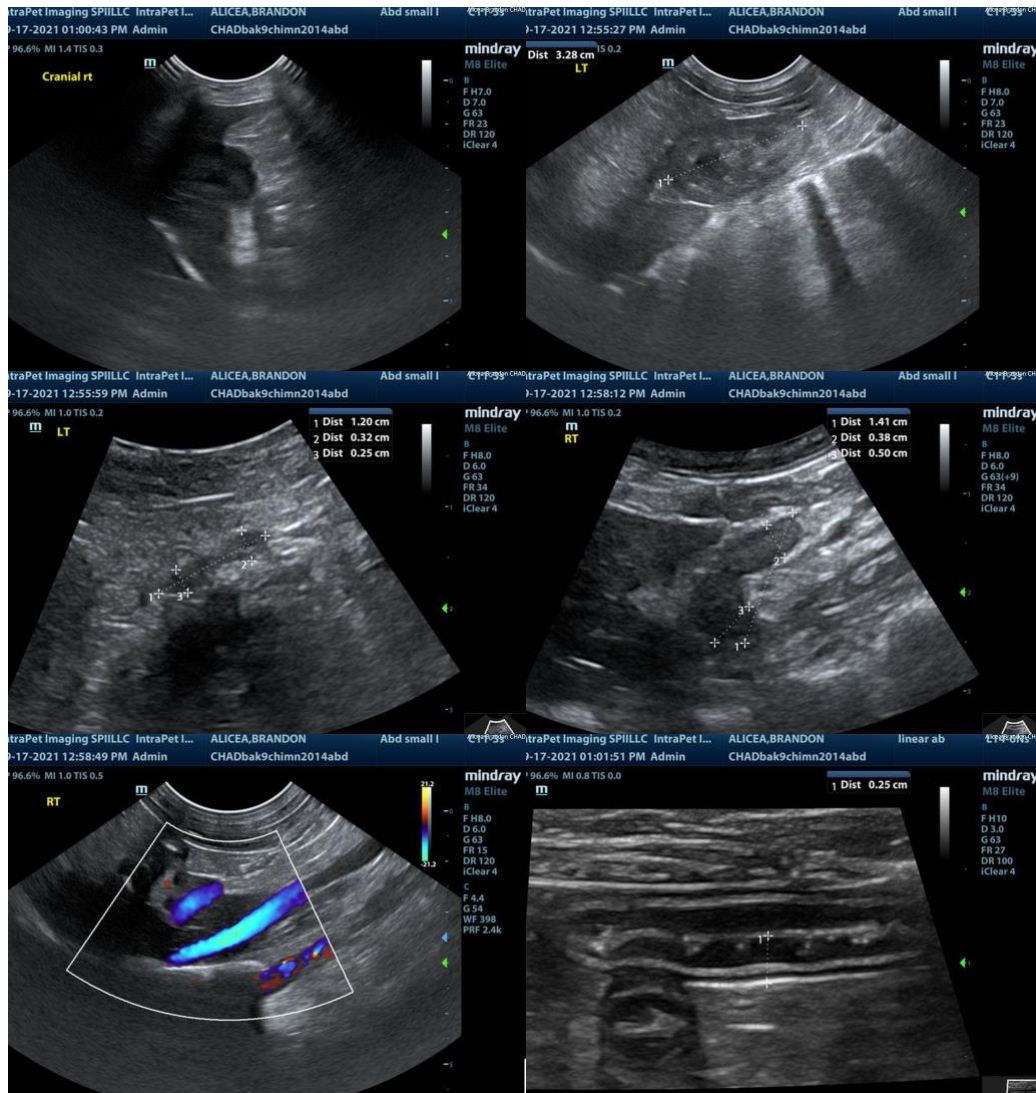
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen
- Minor Microhepatica
- Spleen, fatty deposits, not pathological

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No other evidence of pathology. Bile acid profile warranted; however, the parenchyma appears uniform and no evidence of shunts present. Portohypoplasia may be an issue 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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