

**DATE**

10/21/22

PRESENTING CLINICAL SIGNS

History: Came in last week for a wellness exam. Low T4. Sent out cTSH- low end normal, and Free T4 low. R/O euthyroid sickness vs hypothyroidism.

PATIENT

Rex Butcher

Current Medications: Galliprant for 1 week- finished course.

Lab Results: Bun, Alb decreased, Crea low end of normal, ALT increased, ALKP increased, GGT increased, Chol increased.

SPECIES

Canine

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Torbugesic/Midazolam IV.

Stat Report: Not requested.

BREED

Pitbull

Imaging Performed By: Stephanie Warga RDCS, RVT.

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. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. The residual prostate was uniform, measuring 1.7 cm.

AGE

11/30/14

WEIGHT

78.9 Pounds

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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 7.64 cm. The left kidney measured 6.92 cm.

INTERPRETED BYEric 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 3.6 cm x 0.77 cm at the caudal pole and 0.9 cm at the cranial pole. The left adrenal gland measured 3.47 cm x 0.94 cm at the caudal pole and 0.7 cm at the cranial pole.

HOSPITAL NAME

Festival VC

REFERRING VET

Dr. Ullman

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

17865

Liver

The **liver** was diffusely hyperechoic to falciform fat. Mild enlargement of liver was noted. The parenchyma was uniform, consistent with metabolic hepatopathy. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

A minor amount of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

Pancreas

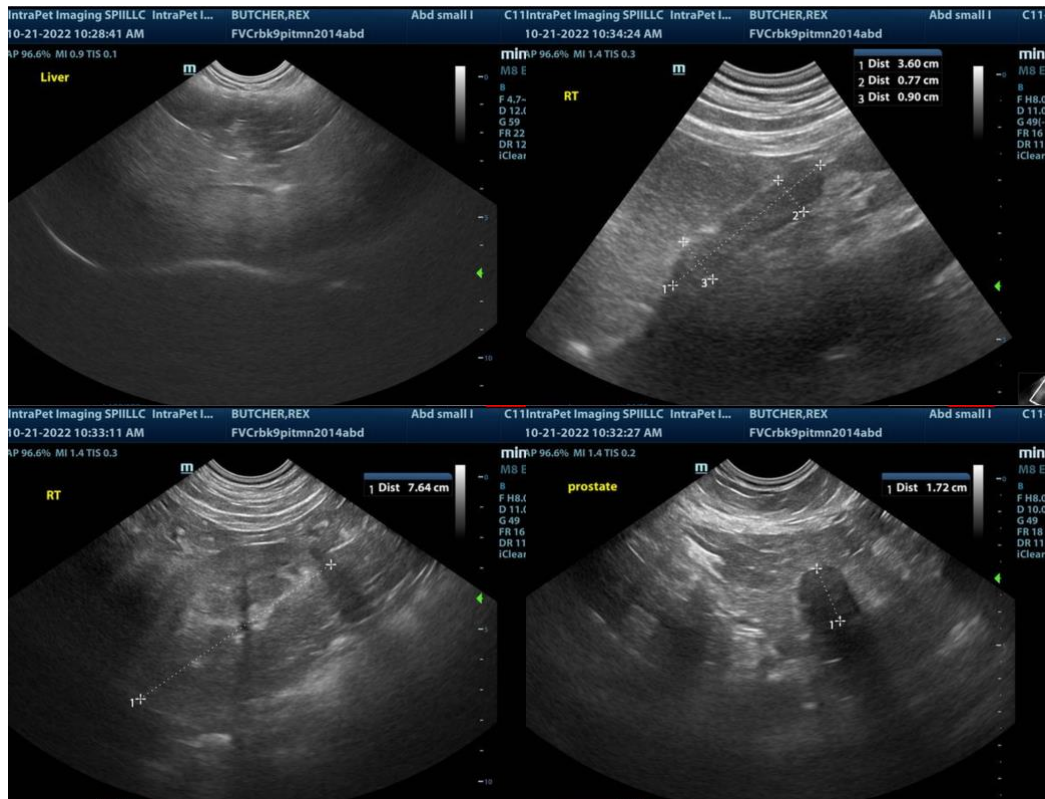
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

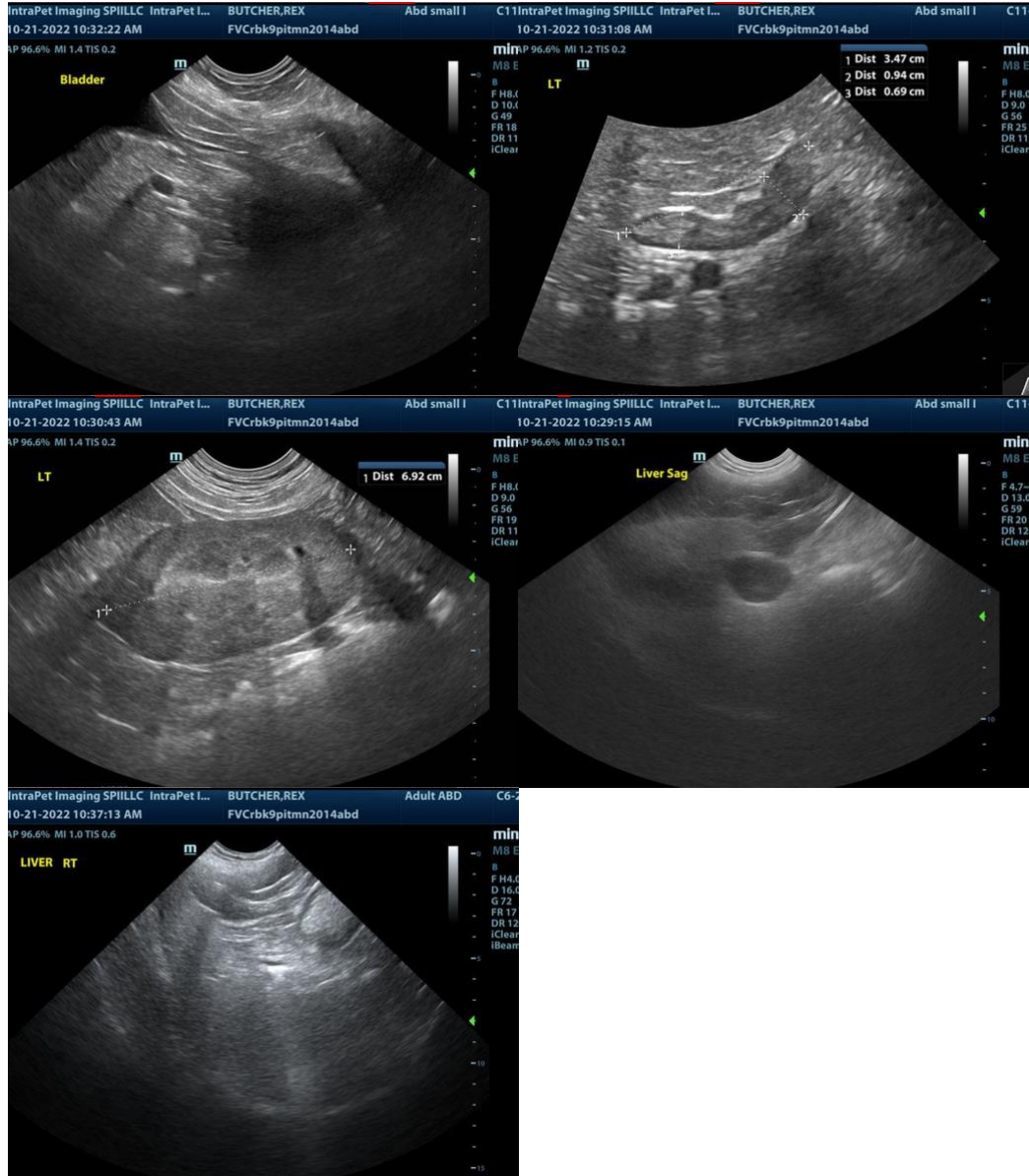
ULTRASONOGRAPHIC FINDINGS

- Metabolic hepatopathy liver presentation
- Minor age-related renal changes
- Stomach ingesta

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant disease.





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.

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