

**DATE**

3/21/22

PRESENTING CLINICAL SIGNS

Pet has hx of protein in urine. Performed UPC, proteinuria confirmed. Elevated liver values. Hx of incontinence and licking at vulva.

Current Medications: Proin 50mg, Atopica 100mg 1 EOD.

PATIENT

Bailey Schaefer

Lab Results: Protein in urine.

Date of Previous IntraPet Ultrasound: No previous.

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**BREED**

Coonhound Mix

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. 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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex. The right kidney measured 7.68 cm. The left kidney measured 7.35 cm with slight pyelectasia.

AGE

8/18/11

WEIGHT

72.4 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 2.86 x 0.57 cm at the caudal pole and 0.63 cm at the cranial pole. The left adrenal gland measured 2.5 x 0.68 cm at the caudal pole and 0.46 cm at the cranial pole.

INTERPRETED BYEric 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 NAMELake Shore Pet
Hospital**REFERRING VET**

Dr. Ashley

Liver

The **liver** in this patient revealed a mixed, echogenic, right lateral liver mass that measured 6.9 x 5.3 cm. The mass is adjacent to the right kidney. The remainder of the liver revealed increased portal markings and a minor amount of remodeling. A left medial liver cyst was noted and measured 1.1 x 0.72 cm. The gallbladder presented acceptably thin walls with primarily anechoic content. Minor gallbladder polyps were noted. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

INVOICE

97016

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

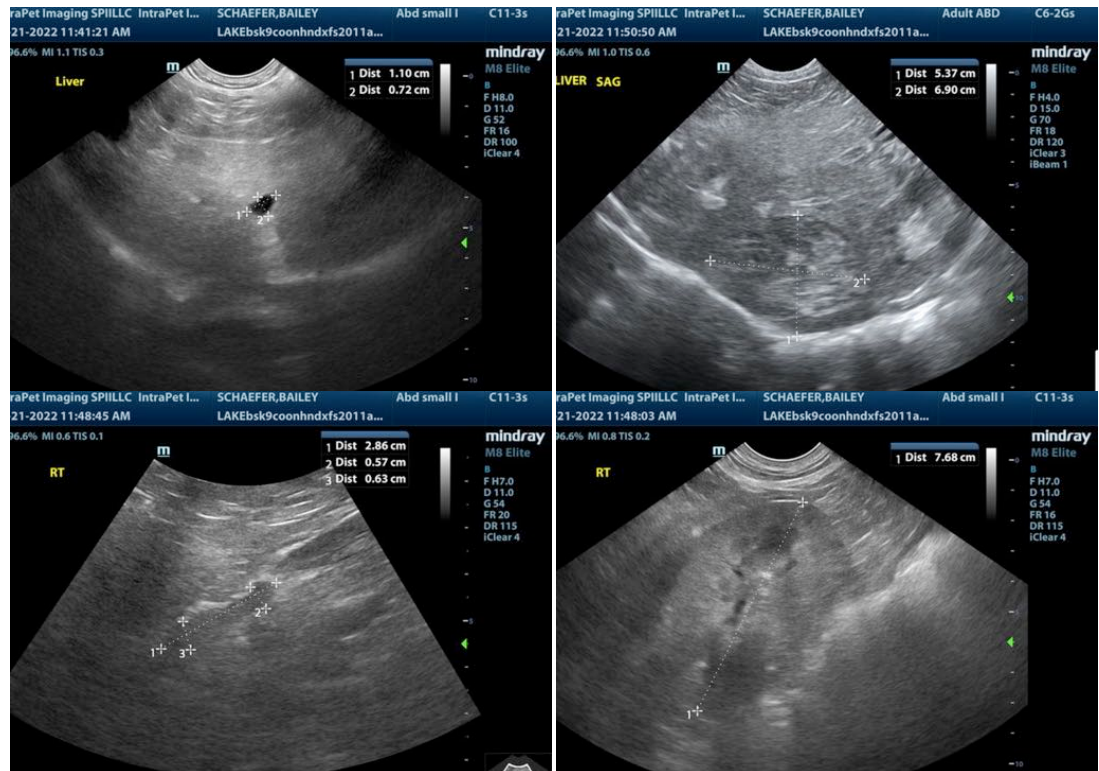
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

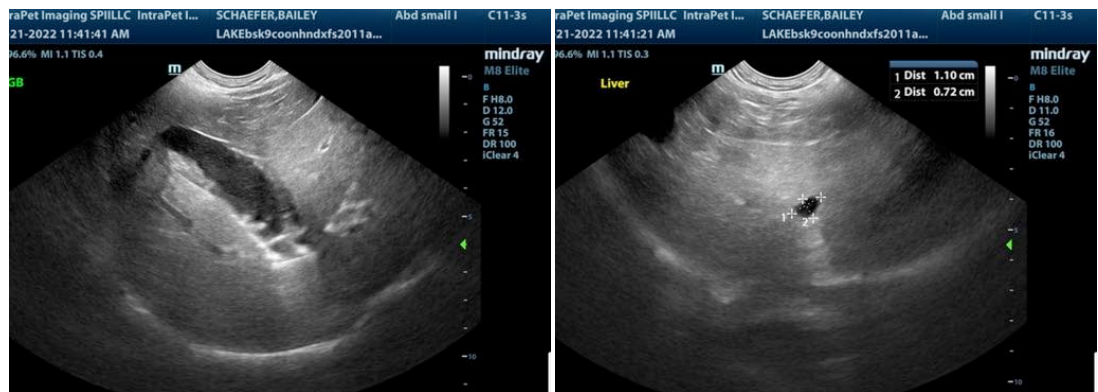
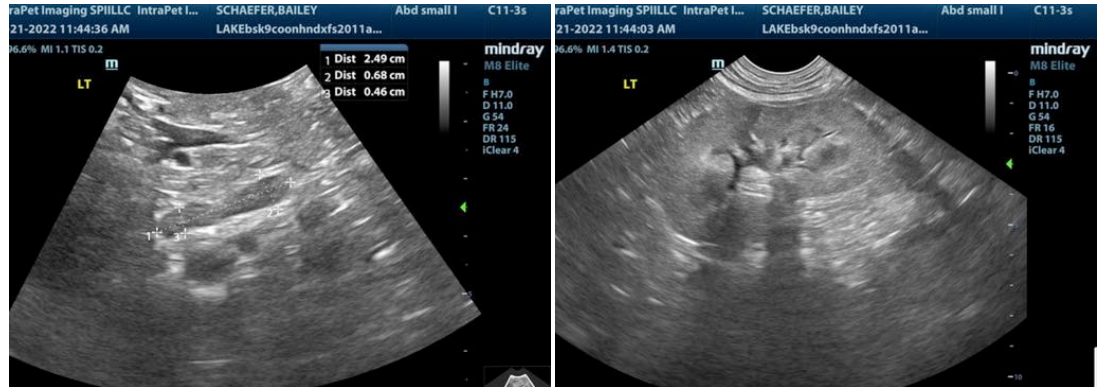
ULTRASONOGRAPHIC FINDINGS

Right lateral liver mass. The liver mass may be benign hyperplasia versus potential carcinoma.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the hepatic mass is indicated. This is potentially resectable. Right intercostal approach to FNA is indicated.





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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