

**DATE PRESENTING CLINICAL SIGNS**

10/19/21

Not Himself &amp; Lethargic.

**PATIENT**

Bear Wheeley

History: Date: 10-18-2021 Notes: Was discharged from hospital last night. Has not eaten for owners; has had some moments where he acts pretty normal, but other times has been more dull and bumped into things. Will get up and go to food bowl but just not interested or able to eat, even when owners put food in his mouth. Went to dermatology appointment today; had basic exam, but DVM very concerned about Bear's condition and felt he needed to come back to ER for supportive care; felt some of his skin symptoms could even be secondary to systemic illness. (Toxins, liver, neoplasia) Owners concerned about the hemp supplement they got at PetSmart a couple weeks ago, that it may have contained toxins such as mold or lead. Discussed that those symptoms are not consistent with his current symptoms though.

**SPECIES**

Canine

**BREED**Shetland  
Sheepdog/Sheltie**SEX**

Neutered Male

Current Medications: Metronidazole 5mg/mL Injection (Per mL), Ampicillin 125mg/vial Injection (Per mL), Lactulose Suspension (per mL), Maropitant Citrate (Cerenia) 10mg/mL Solution Injection (Per mL)

Lab Results: ALT 469, ALP 1903

Date of Previous IntraPet Ultrasound: No previous

Sedation: not needed

Stat Report: not requested

**AGE**

2014

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****WEIGHT**

58 Pounds

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A trace amount of sand was noted in the bladder measuring 3.4 cm. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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 6.75 cm.

**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 right adrenal gland measured 2.36 cm x 0.86 cm at the caudal pole and 1.04 cm at the cranial pole. The left adrenal gland measured 2.5 cm x 0.69 cm at the caudal pole and 0.78 cm at the cranial pole.

**REFERRING VET**

Dr. Martinoli

**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**

26374

**Liver**

The **liver** revealed increased portal markings and minor uniform swelling. The gallbladder was unremarkable. Acute on chronic inflammatory disease likely. Minor potential for underlying neoplasia.

### ***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***

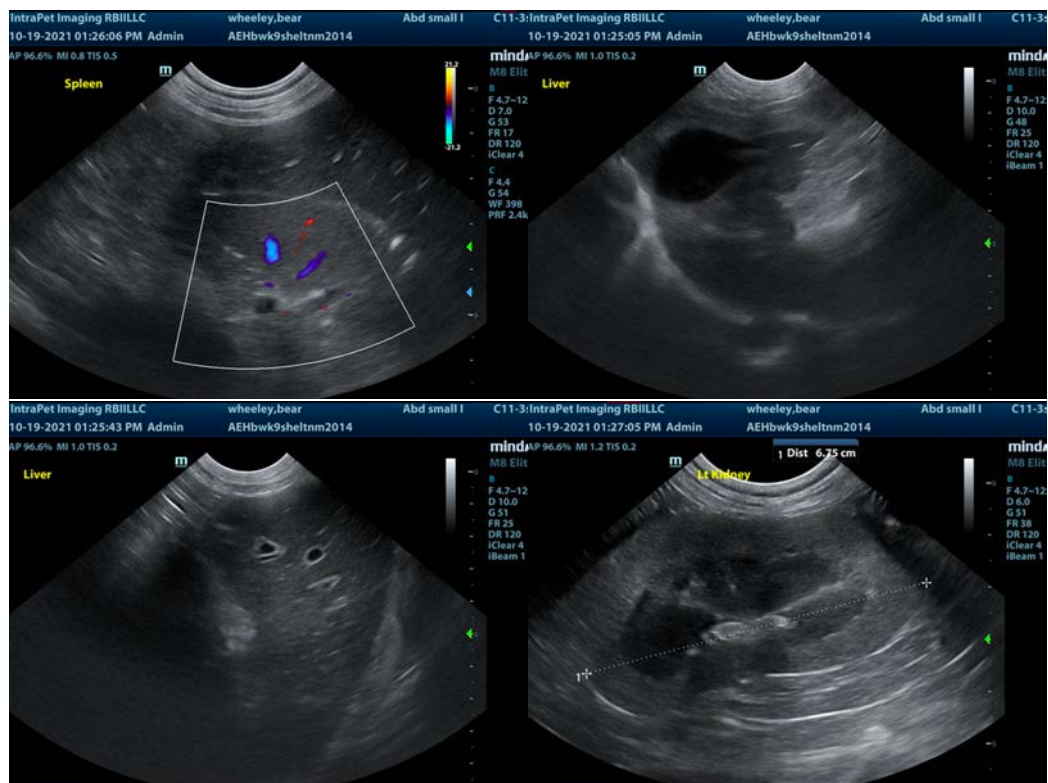
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

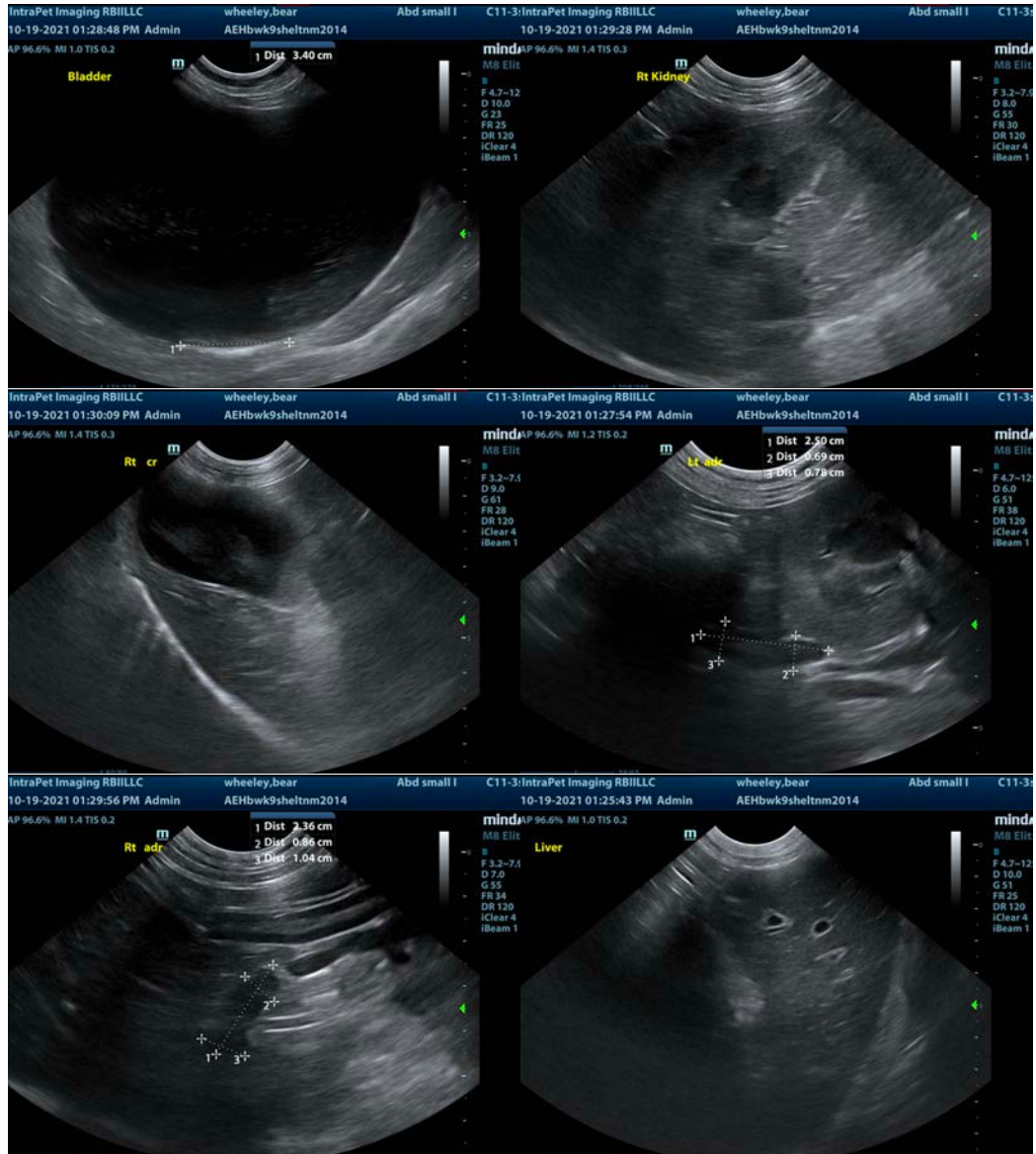
### **ULTRASONOGRAPHIC FINDINGS**

- Cholangiohepatitis liver pattern with potential underlying emerging round cell neoplasia
- Minor bladder sand

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

FNA of the liver recommended. Leptospirosis titers indicated. Prognosis is guarded depending upon cytology results.





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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