



**PATIENT PRESENTING CLINICAL SIGNS**

Ben Taylor

History: Seen 9/3/21 for evaluation of acute onset PU/PD; concern for palpable abdominal mass on exam; abdominal/thoracic rads taken - mid abdominal mass confirmed.

**SPECIES**

Abnormal PE/Chem/CBC/UA Results: Abdominal mass, otherwise NSF one exam BW/UA done 9/3/21: Chem: hyperglob 3.9 (1.6-3.6) increased ALP 162 (5-131) BUN -14 creat - 1.2 UA: free catch USG - 1.015, pH - 7.5, neg protein, WBC 2-3/HPF, RBC 0-1/HPF, < 10 rods & cocci /HPF

Canine

**BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Labrador Cross

**Urinary System**

**SEX**

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 was noted. Ureteral papillae were normal.

Neutered male

**AGE**

11 years

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 7.86 cm. The left kidney measured 8.3 cm.

**WEIGHT**

86 lbs

**INTERPRETED BY**

**Adrenal Glands**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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 2.62 x 0.49 cm at the caudal pole and 0.6 cm at the cranial pole. The right adrenal gland measured 2.36 x 0.66 cm at the caudal pole and 0.38 cm at the cranial pole.

**IMAGING PERFORMED BY**

Jessica Bailes

**Spleen**

**HOSPITAL NAME**

All Creatures Great  
and Small VC

The **spleen** revealed a series of masses with expansive, irregular contour into the regional omentum. A large, pedunculated, cavitated mass was noted and measured 10.0+ cm. The mass was deriving from the caudal pole of the spleen. Free fluid and reactive mesentery was noted.

**REFERRING VET**

Dr. Litalian

**Liver**

**INVOICE**

The liver revealed heterogenous changes with hepatic lymph node enlargement and irregular contour. Multiple, mixed, hypoechoic masses were noted. This is consistent with metastatic disease. The gallbladder and common bile duct were unremarkable.

91759

**DATE**

9/9/21



**PATIENT**

**Gastrointestinal**

Ben Taylor

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.

**SPECIES**

Canine

**BREED**

Labrador Cross

**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.

**SEX**

Neutered male

**Free Abdomen**

Slight areas of free fluid and reactive mesentery were present.

**AGE**

11 years

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

86 lbs

Multi-centric neoplasia sarcoma pattern involving the splenic and hepatic masses.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

The prognosis is poor. FNA of the masses can be considered. 25-gauge FNA is suggested for further definition. Immediate chemotherapeutic intervention is recommended.

**IMAGING PERFORMED BY**

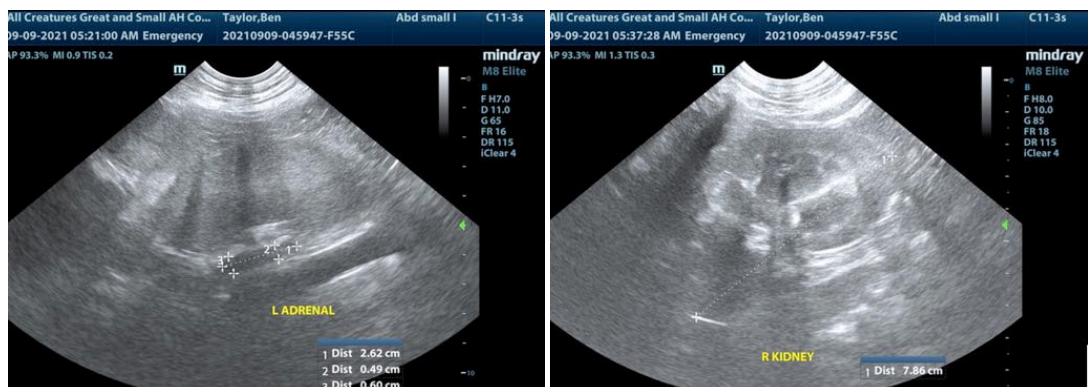
Jessica Bailes

**HOSPITAL NAME**

All Creatures Great and Small VC

**REFERRING VET**

Dr. Litalian



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Ben Taylor

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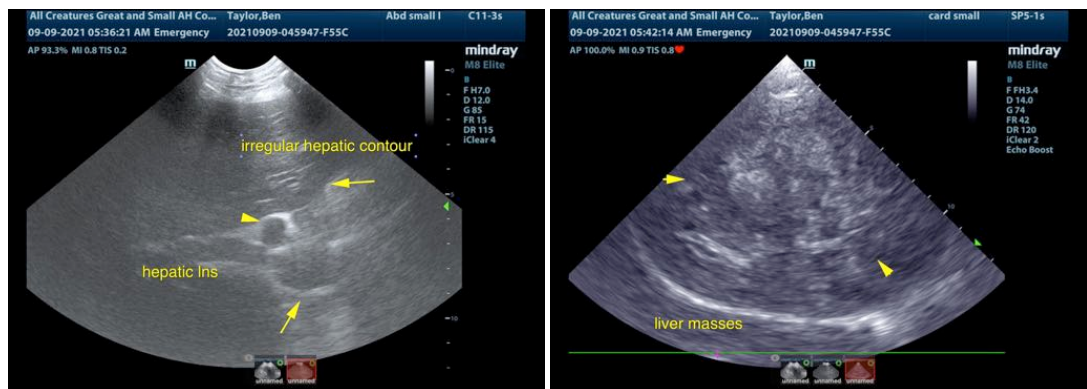
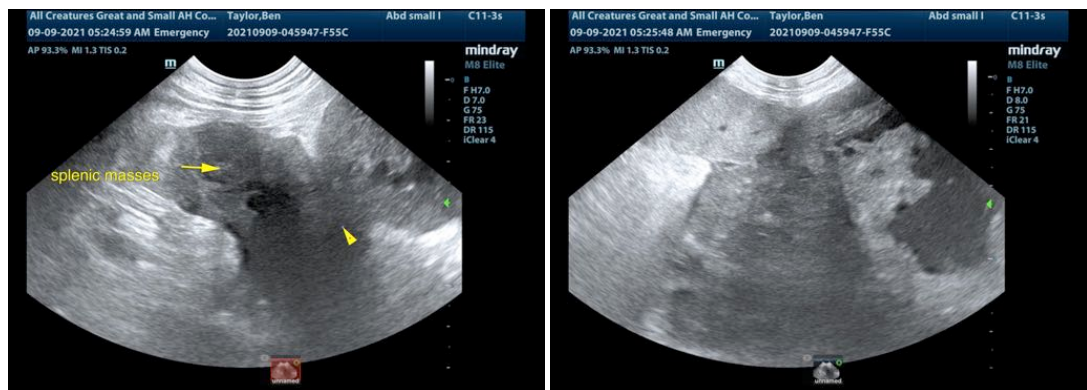
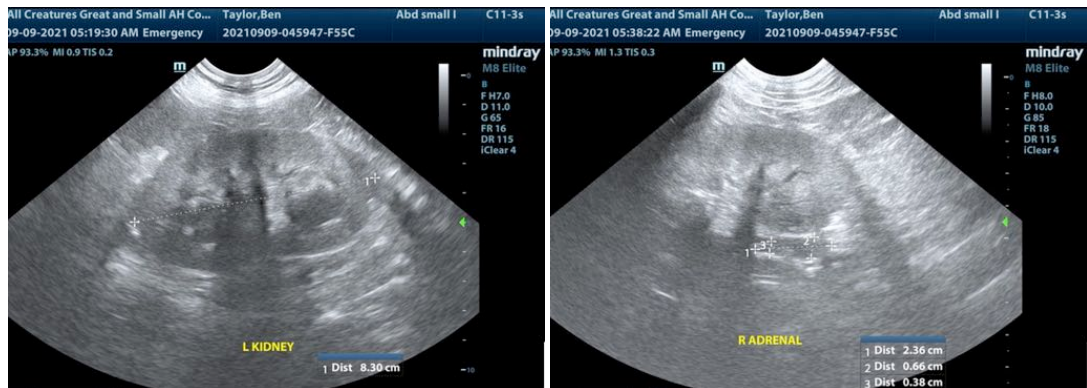
Dr. Litalian

**INVOICE**

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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  
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