



**PATIENT**

Jackson Lightbourne

**SPECIES**

Canine

**BREED**

Pit Bull X

**SEX**

Neutered Male

**AGE**

12 Years

**WEIGHT**

37.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Schwanebeck

**HOSPITAL NAME**

Animal Emergency  
Hospital Deland

**REFERRING VET**

Dr. Schwanebeck

**INVOICE**

43502

**DATE**

12/16/22

**PRESENTING CLINICAL SIGNS**

Patient got into the garbage a week ago and ate garlic and onion amongst other things. Patient presented on transfer for liver issues. rDVM noted elevated liver values, icterus, and prolonged clotting times. Examination revealed icterus with muscle wasting of his head, discomfort in his abdomen, and a quiet demeanor.

Abnormal PE/Chem/CBC/UA Results: rDVM records EPOC. PO2 226.2, cSO2 99.9, pH 7.518, lactate 3.66 Abnormal CplI

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**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 **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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.0 cm. The right kidney measured 6.5 cm.

**Adrenal Glands**

The **adrenal glands** were not visualized.

**Spleen**

The **spleen** was enlarged with scalloping contour and enhanced mesentery owing to expansive pathology and capsular tension.

**Liver**

The **liver** was enlarged with increased portal markings and coarse architecture. Expansive scalloping contour noted. The gallbladder and common bile duct were unremarkable. Free fluid noted between liver lobes. Enhanced mesentery noted. Hepatic lymph nodes were enlarged and rounded, a grouping of which measured approximately 3.0 cm.

**Gastrointestinal**

Minor retention of shadowing ingesta 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**

- Infiltrative splenic and hepatic pattern with regional lymphadenopathy – round cell neoplasia suspected, splenitis and cholangiohepatitis possible yet unlikely.



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- Age related renal changes
- Gastric ingesta

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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FNA spleen and liver indicated for further definition. Chest radiographs warranted to assess for comorbidities.

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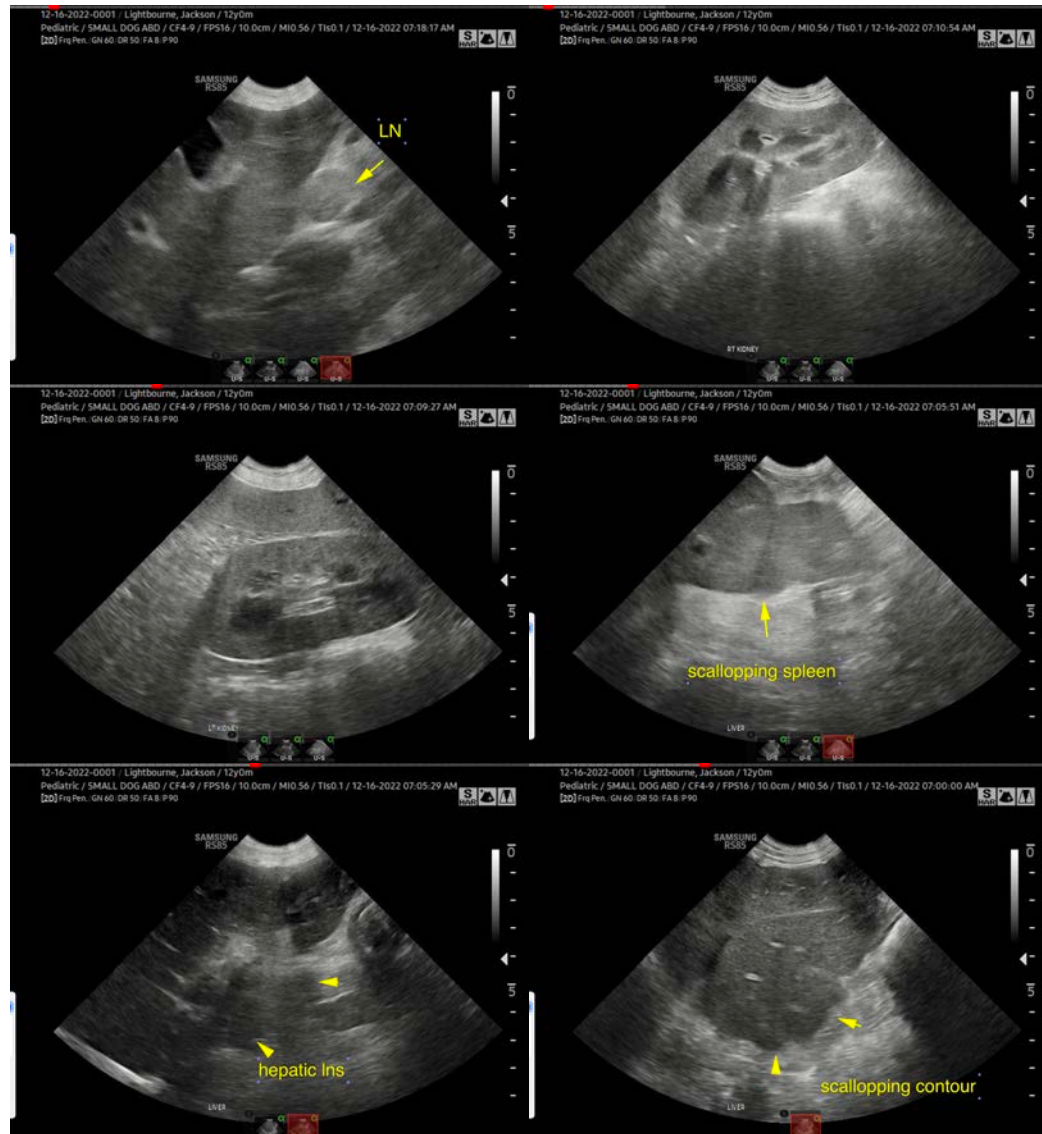
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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