



PATIENT PRESENTING CLINICAL SIGNS

Bella Lipuma Not doing well, lethargic, elevated liver values Meds: Amoxi 500mg BID; Metro 500mg 1/2 BID; Denamarin SID
SPECIES Abnormal PE/Chem/CBC/UA Results: CBC- normal; Chem- ALT: 1269; AST: 341; ALKP- 1033; Bili- 2.7; Rest normal; UA- normal except for Bili- 2+; UA Spec. Grav.- 1.010

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Pit Bull 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.

SEX

Spayed Female 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 6.77 cm. The left kidney measured 6.84 cm.

AGE

5 Years

Adrenal Glands

WEIGHT

67 Pounds

The **left adrenal gland** was mildly enlarged and fairly uniform, measuring 4.1 cm x 0.86 cm at the cranial pole and 1.2 cm at the caudal pole. The **right adrenal gland** was uniformly swollen, measuring 2.54 cm x 1.21 cm at the cranial pole and 0.83 cm at the caudal pole.

Spleen

INTERPRETED BY

Eric Lindquist, DMV

The **spleen** was enlarged with scalloping contour. Subtle micronodular changes noted. The spleen was folded upon itself cranially.

DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Dr. Carlos Abdul Chani

The **liver** revealed increased portal markings, coarse architecture, and swollen irregular, scalloping contour. Infiltrative pattern. Hepatic lymph nodes were enlarged and irregular. The gallbladder was unremarkable. Reactive mesentery noted in the cranial abdomen, associated with lymph nodes and liver.

HOSPITAL NAME

Byram AH

Gastrointestinal

REFERRING VET

Dr. Carlos Abdul Chani

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. An enlarged mesenteric lymph node was noted, measuring 3.0 cm x 2.0 cm with pericapsular inflammatory pattern and disrupted internal architecture.

Pancreas

INVOICE

37959

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.

DATE

5/26/22



PATIENT

Bella Lipuma

ULTRASONOGRAPHIC FINDINGS

- Multicentric round cell neoplastic pattern involving the lymph nodes, spleen and liver
- Irregular left adrenal gland

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the accessible lymph nodes, spleen and liver recommended. Immediate chemotherapeutic intervention recommended. Chest radiographs recommended with focus on the cranial mediastinum and sternum to assess for metastatic disease.

BREED

Pit Bull

SEX

Spayed Female

AGE

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WEIGHT

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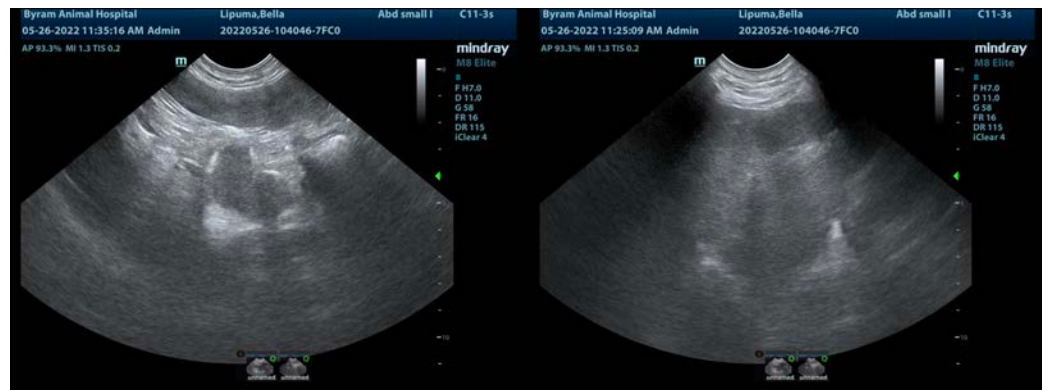
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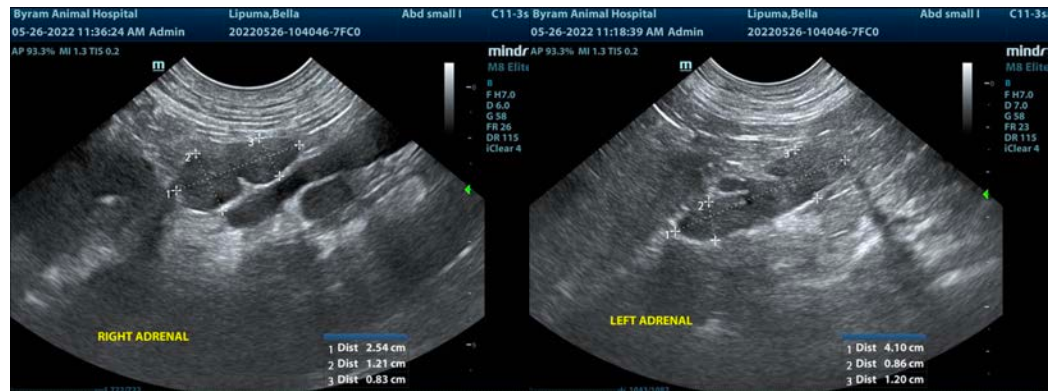
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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