



PATIENT

Squall Orpen

SPECIES

Canine

BREED

Lab x

SEX

Neutered Male

AGE

13 Years

WEIGHT

45.8 kg

INTERPRETED BY

Dr Brittany Sinclair,
 BVSc(hons),
 DACVECC

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Hawkins Animal
 Hospital

REFERRING VET

Dr. DaCosta

INVOICE

74224

DATE

4/6/26

PRESENTING CLINICAL SIGNS

Muscular/ortho - Generalized muscle atrophy. Chest sounds - Panting, no noisy breathing, no heart murmur heard. Oral - m2 tartar most teeth, mm pink

Current Medications: Gabapentin 300mg, 1 bid

Abnormal PE/Chem/CBC/UA Results: PLT 102 (165-500) ALP 1195 (20-150) AMY 1803 (200-1200)

Cytology -- Monomorphic small population, probable small cell lymphoma of subman lymph nodes. March 9th Spec cPLI -- 1018 (0-200) March 30th Spec cPLI -- 438 (0-200) Radiographic Findings - Diffuse mild bronchial and interstitial pulmonary pattern which is consistent with the age of the patient and degree of inflation. - No evidence of soft tissue nodules, pleural effusion, or lymph node enlargement. - Cardiovascular structures appear normal. - Trachea has a normal diameter. - Mediastinum is widened by fat. - Multiple lipomas within the body wall. labs and rads attached

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder lumen volume is small, and walls are diffusely thickened most consistent with pseudohypertrophy. The ureters were not visible which is normal. There was normal wall layering with no masses, uroliths or abnormal focal thickening visualized. Urine was anechoic. No evidence of inflammatory or neoplastic changes was noted.

A visible iliac lymph node is enlarged measuring 2.66 cm x 1.41 cm.

The left kidney presents normal size and structure, with smooth capsule and normal corticomedullary definition and ratio. Medullary structure differed distinctly from that of the cortex. No evidence of pelvic dilation was present. Left kidney measures 6.71 cm.

The right kidney was not distinctly visualized, likely due to patient conformation and overlying gas-filled GI tract.

Adrenal Glands

The left adrenal gland is visualized and recognized as having normal shape, size, position and echogenicity for this breed and age. The visible phrenic vasculature was unremarkable. Left measures 2.15 cm in length x 0.79 cm at the caudal pole and 0.81 cm at the cranial pole.

The right adrenal gland is not visualized.

Spleen

The spleen is subjectively normal in size, shape and position. There are small spherical hypoechoic nodules noted throughout the spleen. A larger splenic nodule is visualized near the tail of the spleen measuring 1.08 cm x 1.45 cm.

Liver

The liver is subjectively slightly enlarged in size with slightly rounded borders. The parenchyma is diffusely hyperechoic and coarse. No specific masses are visualized.

Gall bladder is moderately distended with normal wall thickness and anechoic contents. Common bile duct is non-distended and tapers normally.



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Gastrointestinal

The stomach contains minimal luminal contents. It measures at a normal thickness of with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate. No masses or focal lesions were observed.

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. There were no focal lesions consistent with obstruction or a mass effect observed.

Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

Pancreas

The area of the pancreas was isoechoic to surrounding tissue with no overt inflammation. Pancreatic tissue was not distinctly visualized which is common.

Free Abdomen

No free fluid noted.

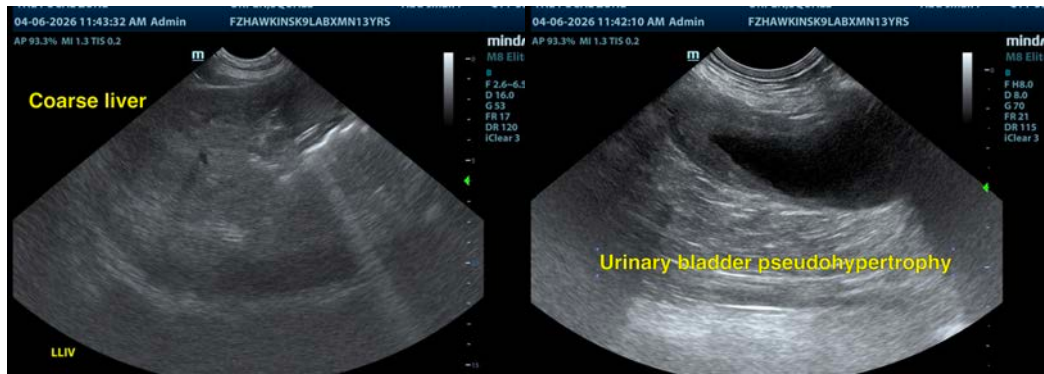
ULTRASONOGRAPHIC FINDINGS

- Micronodular spleen.
- Mild hepatomegaly with hyperechoic and coarse echotexture.
- Prominent iliac lymph nodes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenic changes together with reported cytology concerning for small cell lymphoma is most concerning for lymphoma within the spleen. FNA is recommended to further define. Iliac lymphadenopathy may also reflect multicentric lymphoma. FNA could be attempted.

The liver changes may be a benign age related remodeling change. Given the concern for lymphoma and the elevated liver values, liver FNA could also be attempted to further define.





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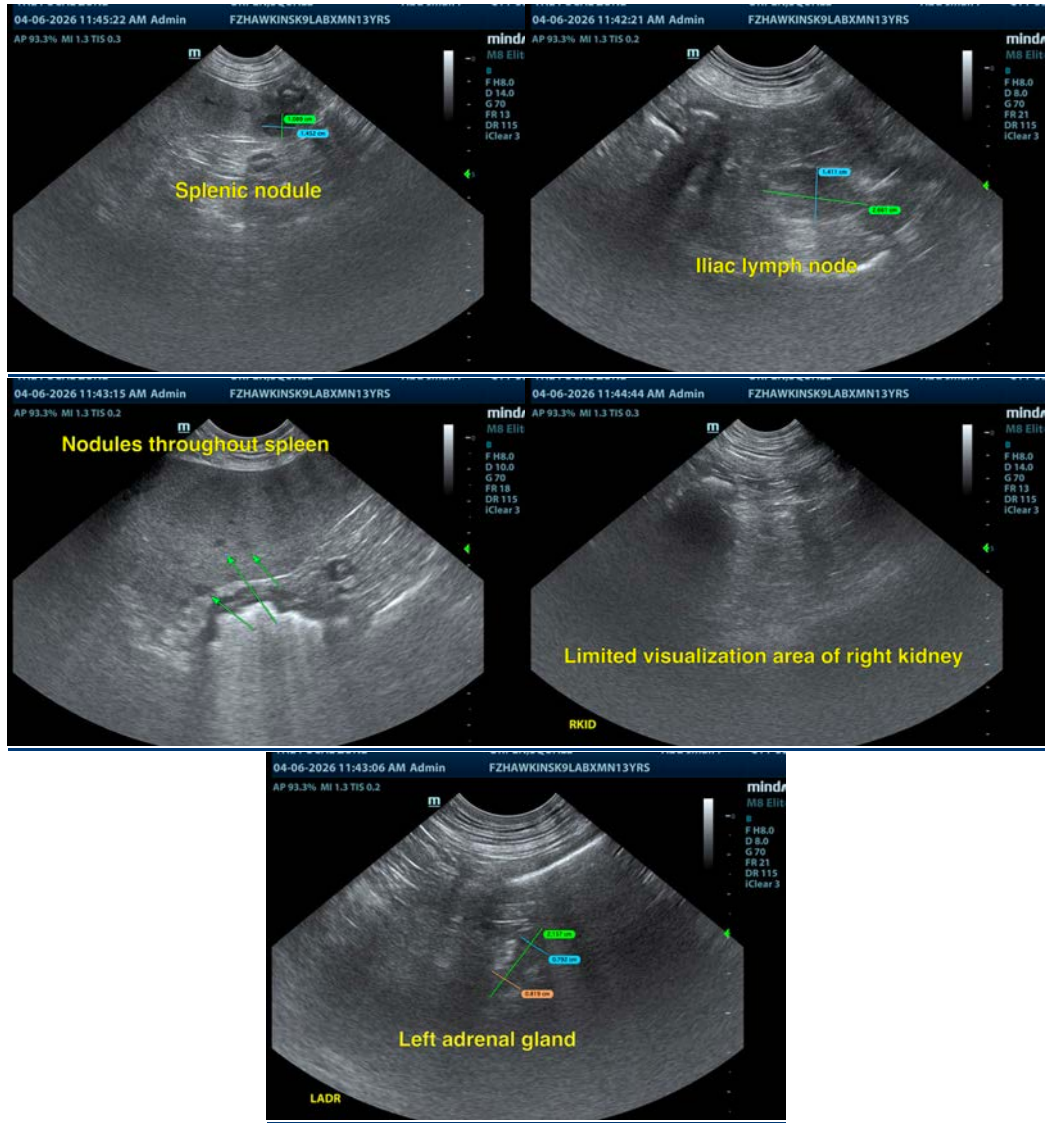
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Dr Brittany Sinclair, BVSc(hons), DACVECC
 info@SonoPath.com