



PATIENT

Trixie Synnes

SPECIES

Canine

BREED

Coonhound Mix

SEX

Spayed Female

AGE

14 years

WEIGHT

47 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jill Rumachik

HOSPITAL NAME

Mazomanie AH

REFERRING VET

Dr. Howlett

INVOICE

91152

DATE

8/11/21

PRESENTING CLINICAL SIGNS

History: Patient presented to hospital after episode of collapse, pale MM, lethargy. Within 2 days, was quiet, but normal demeanor and no further episodes of collapse.

Abnormal PE/Chem/CBC/UA Results: Xrays revealed enlarged area in cranial abdomen, and rounded heart. AUS recommended thereafter. Historic liver enzyme elevation.

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 was noted. Ureteral papillae were normal.

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 5.17 cm. The right kidney measured 4.82 cm.

Adrenal Glands

Both **adrenal glands** were not visualized.

Spleen

The **spleen** had an irregular capsule with micronodular changes. The spleen measured 1.2 cm in width.

Liver

The **liver** revealed hyperechoic nodular changes with increased portal markings. The liver had coarse architecture. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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.



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Pancreas

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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.

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Free Abdomen

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A large amount of abdominal fat was noted in this patient and is consistent with a lipoma. There was no evidence of free fluid.

SEX

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Heart

Rapid view of the heart revealed pericardial effusion. No overt mass was noted at the right auricle, yet may be present, but not evident.

AGE

14 years

ULTRASONOGRAPHIC FINDINGS

Enlarged, irregular nodular spleen. Round cell neoplasia versus splenitis.

WEIGHT

47 lbs

Pericardial effusion.

Irregular spleen.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further imaging of the heart is necessary with lower frequency probe. FNA of the spleen could be considered for further definition. The hemorrhage is likely owing to pericardial effusion as there was no evidence of abdominal hemorrhage present. Otherwise, geriatric abdomen.

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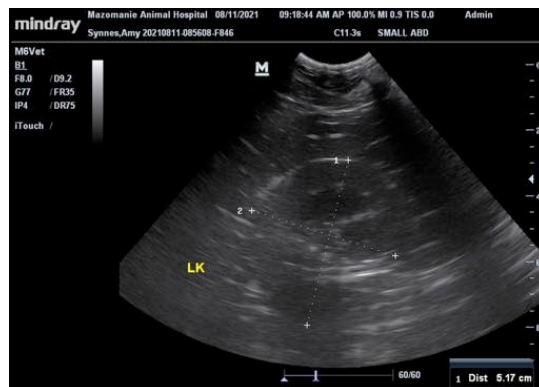
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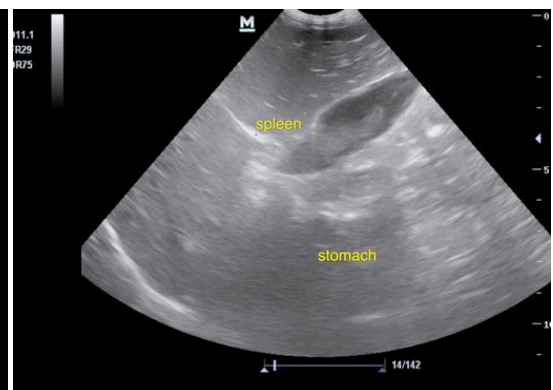
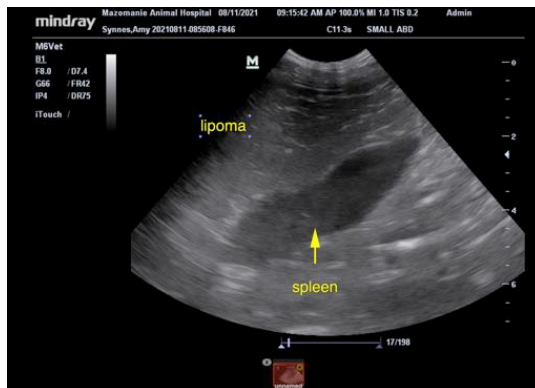
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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