



PATIENT PRESENTING CLINICAL SIGNS

Dutch French I did not personally examine the pet, the doctor who did left very little notes, primary complaint is arthritis

SPECIES Abnormal PE/Chem/CBC/UA Results: ABNORMAL Laboratory Findings ALP 927, TT4 0.4 Current Medications levothyroxine, tramadol, carprofen
Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Lab **Urinary System**

SEX The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
MN

AGE Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and minor loss of corticomedullary definition was present. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 7.3 cm in length. The right kidney measured 7.4 cm in length.

WEIGHT 90.4lb The area of the aortic trifurcation was free of pathology.

INTERPRETED BY The area of the residual prostate appeared normal and free of pathology.

R. McKenzie Daniel, DVM, DABVP (Canine and Feline) **Adrenal Glands**
The left adrenal gland was indistinctly visualized subjectively measuring 0.71 cm width at the caudal pole. The right adrenal gland was not distinctly visualized. NO overt pathology in the are of the right adrenal gland.

IMAGING PERFORMED BY **Spleen**

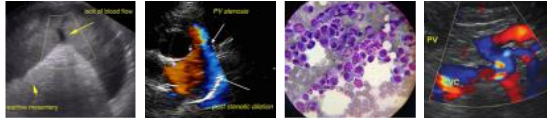
Sara Hansen The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

HOSPITAL NAME Alpine Animal Hospital

REFERRING VET **Liver/Gallbladder**

Mills The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

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DATE 08/21/2023
Gastrointestinal



PATIENT

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

Dutch French

SPECIES

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Canine

Normal visible colon wall layers were present with apparent formed feces in lumen.

BREED

Pancreas

Lab

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SEX

Free Abdomen

MN

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

AGE

8yr

ULTRASONOGRAPHIC FINDINGS

WEIGHT

- Early minor age related renal changes.
- Mild hepatic parenchymal remodeling-sonographically consistent with benign vacuolar hepatopathy pattern.
- Sonographically normal gallbladder.

90.4lb

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Largely a mild to early age related abdomen with no overt evidence of significant abdominal visceral pathology. No evidence of intra-abdominal neoplastic criteria. Hepatosupportive medications such as Denamarin and Ursodiol may prove beneficial.

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Alpine Animal Hospital

REFERRING VET

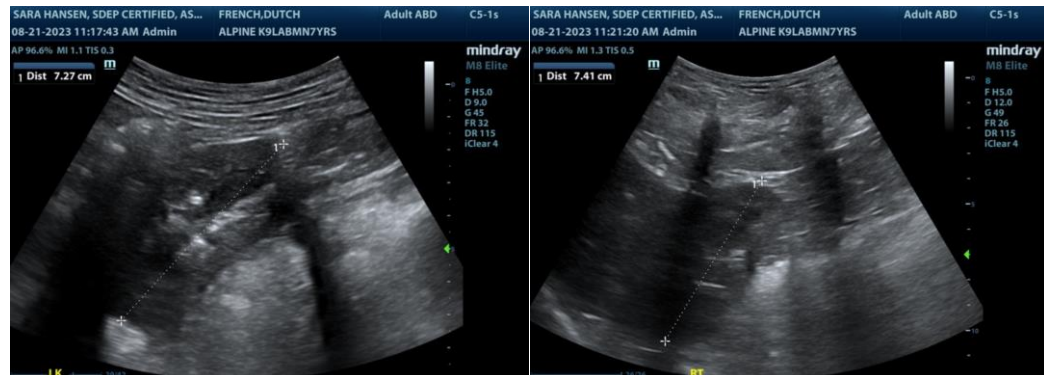
Mills

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PATIENT

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SPECIES

Canine

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Lab

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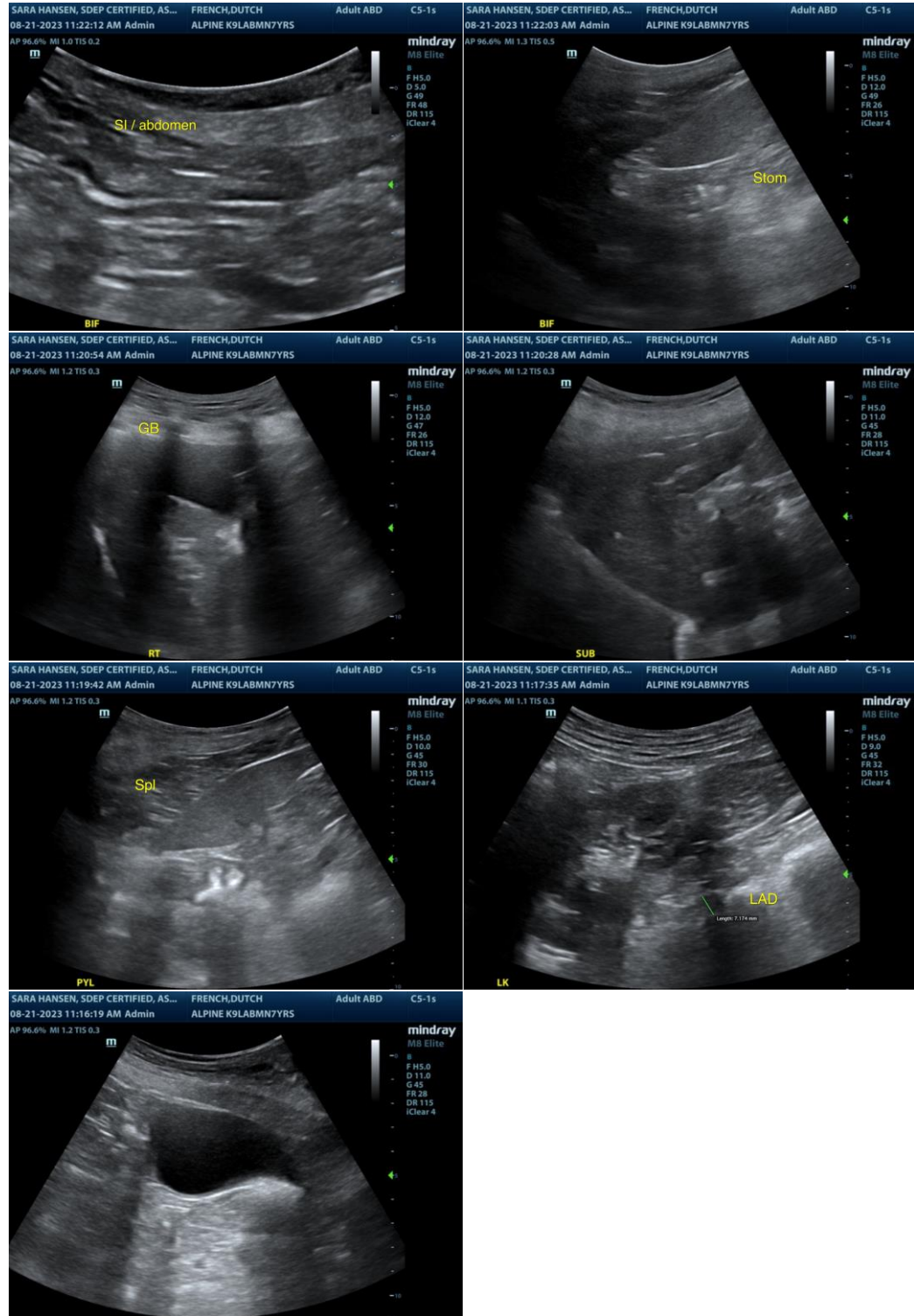
Mills

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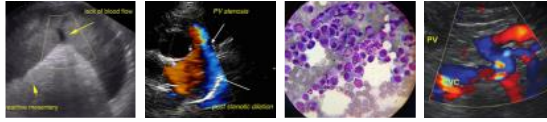
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not



PATIENT visible in the image/video clips provided.

Dutch French 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.

SPECIES R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

Canine info@SonoPath.com

BREED

Lab

SEX

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