



PATIENT	PRESENTING CLINICAL SIGNS
Jade Hilliker	Presented 4/5/23 for progressing PU/PD for the past several weeks. Owner has now noted that her urine is sticky. Has seen some weight loss, quite thin on exam. Arrived sedated, at appropriate level.
SPECIES	Not spayed, some mammary swelling. Last heat several weeks ago. Eats RAW food diet. Start Low Dose Insulin therapy and sent home with information. Caninsulin and Clavaseptin. Ultrasound recommended to rule out secondary complicating factors for treatment.
Canine	
BREED	Abnormal PE/Chem/CBC/UA Results: U/A large amount of glucose, some blood and WBCs, Sp. Grav 1.025. Bloodwork High Amylase, lipase and glucose, decreased RBCs(anemia). Findings consistent with DM and poss underlying pancreatitis, chronic disease.
Cane Corso	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
FI	Urinary System
AGE	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm 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 was noted.
6.5 year	
WEIGHT	The uterus and bilateral ovaries were sonographically unremarkable. No evidence of pyometra criteria was noted. The left ovary measured 2.0 cm. The right ovary measured 1.8 cm.
45 kg	The area of the aortic trifurcation was free of pathology.
INTERPRETED BY	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. 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 8.5 cm in length. The right kidney measured 8.1 cm in length.
R. McKenzie Daniel, DVM, DABVP	
IMAGING PERFORMED BY	Adrenal Glands
Crystal Hill	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.4 cm length x 0.72 cm width at the caudal pole. The right adrenal gland was indistinctly visualized owing to patient size and conformation, yet no overt pathology was noted. The right adrenal gland subjectively measured 0.79 cm width at the caudal pole.
HOSPITAL NAME	
Grand River VH	
REFERRING VET	Spleen
Dr. Hornak	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.
INVOICE	Liver/ Gallbladder
16605	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were
DATE	
4/13/23	



PATIENT

Jade Hilliker

normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

SPECIES

Canine

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained echogenic, nonshadowing ingesta sonographically consistent with food without signs of obstruction or foreign material.

BREED

Cane Corso

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.

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

SEX

FI

Pancreas

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 were evident.

AGE

6.5 year

Free Abdomen

No omental masses, lymphadenopathy, or evidence of peritoneal effusion were noted.

WEIGHT

45 kg

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable abdomen

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

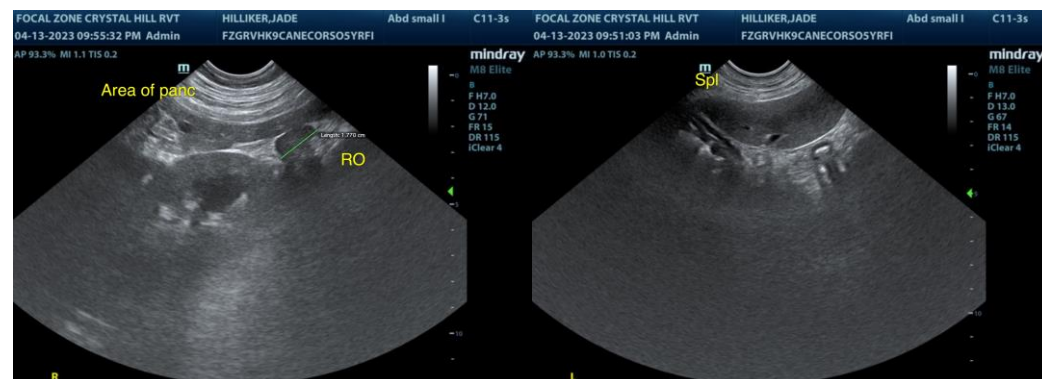
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No sonographic evidence of visceral pathology was visualized. The appearance of the pancreas was not overtly consistent with significant or active pancreatitis. Potential for low-grade or chronic pancreatitis, which may present as sonographically normal, is possible. Urine C/S on a sterile urine sample is suggested if not done, given glucose urea.

Crystal Hill

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Dr. Hornak

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**IMAGING
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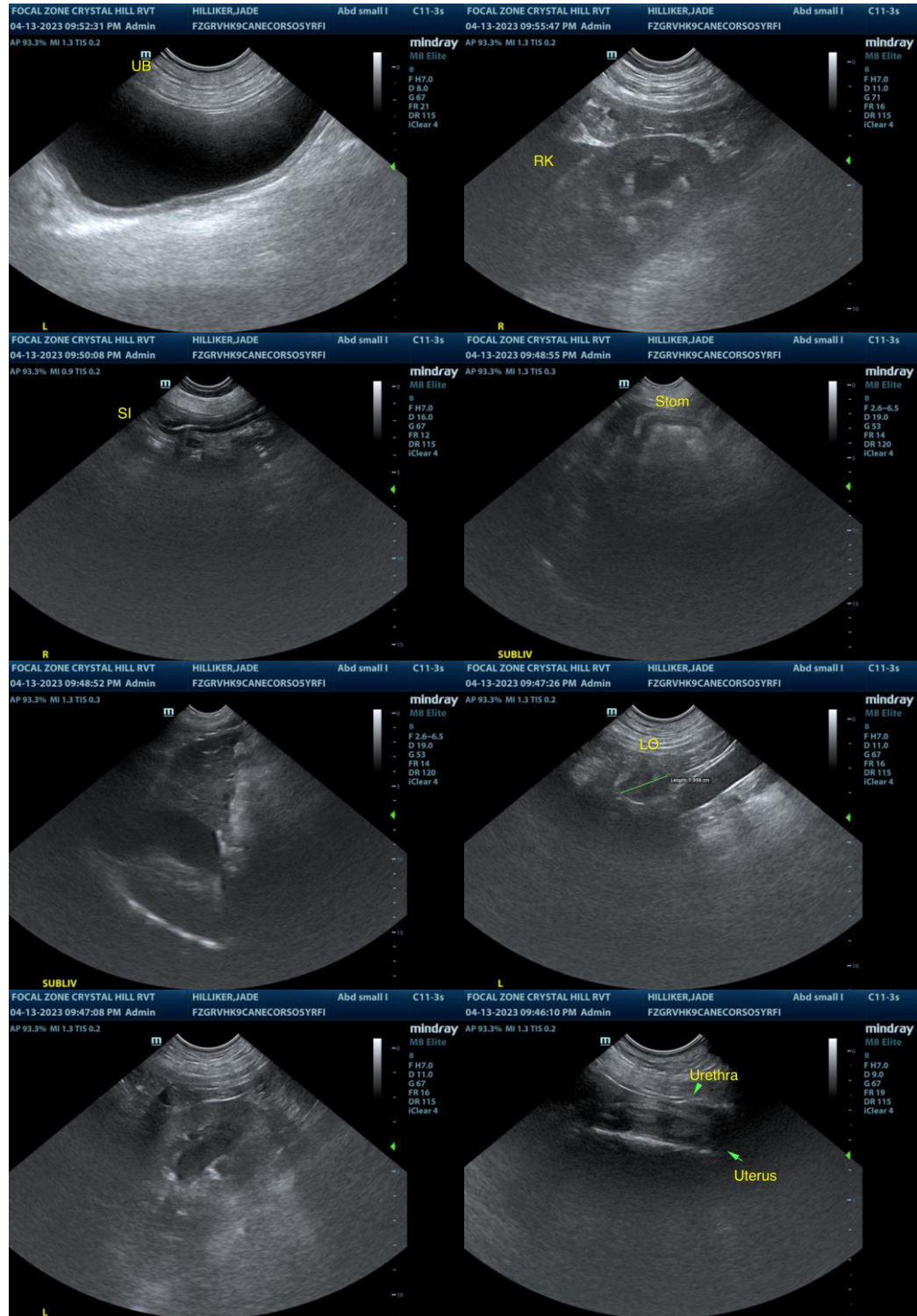
Dr. Hornak

INVOICE

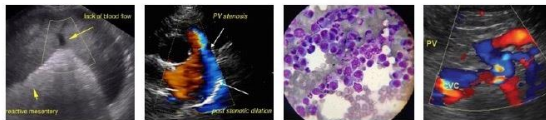
16605

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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.



PATIENT

Jade Hilliker

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

Canine

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

BREED

Cane Corso

SEX

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