



PATIENT	PRESENTING CLINICAL SIGNS
Duchess Spiecker	Present 12/16 with lethargy, intermit vomiting. Prev hx of pancreatitis. Effusion and inflam on U/S around the R limb of the pancreas. Tx with supportive care. Presented today with loose feces and straining to have a BM
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: 12/16 labs: Elevated ALT (too high to read), TP: 8.4, Alb: 4.7, GGT: 13, Tbili: 3.8, Amy: 872, lipase: 2391, RBC: 9.97,
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Hound Mix	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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 were noted.
FS	
AGE	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 5.2 cm in length. The right kidney measured 5.1 cm in length.
2yr	
WEIGHT	The area of the aortic trifurcation was free of pathology.
44lb	Adrenal Glands
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.49 cm width at the caudal pole and 2.8 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.81 cm width at the caudal pole and 2.6 cm length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	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.
Dr. Rodriguez	Liver
HOSPITAL NAME	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 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.
Foxfield Veterinary Services	Gastrointestinal
REFERRING VET	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild potentially retained focally shadowing gastric ingesta with no signs of ileus, obstruction or foreign material.
Dr. Rodriguez	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.
INVOICE	
12484ag	
DATE	
12/20/2022	



PATIENT

Normal visible colon wall layers were present with generalized soft to non-formed fecal matter.

Duchess Spiecker

Pancreas

SPECIES

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, likely consistent with age related changes and considered incidental. No signs of active inflammation or neoplasia.

Canine

Free Abdomen

BREED

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

Hound Mix

ULTRASONOGRAPHIC FINDINGS

SEX

- Hepatopathy-subjectively benign, suspect non-specific hepatitis (viral, bacterial, leptospirosis, toxin) given the ALT elevation, non-obstructive cholestasis or other possible
- Gastroenterocolitis pattern with mild potentially retained gastric ingesta, potential for mild gastric hypomotility
- Mild heterogeneous pancreas

FS

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

2yr

Assuming normal clotting status and using a 25g needle, a hepatic FNA for screening cytology is warranted for further assessment to assess for and identify inflammatory cell type. A leptospirosis titer/PCR may be considered if clinically indicated or if potential exposure/endemic to the area. No evidence of post hepatic obstructive criteria was present. No evidence of portosystemic shunt.

WEIGHT

The pancreas was non-specific and may indicate patient/ age variant, remodeling owing to previous inflammatory episode or persistent mild to chronic pancreatitis possible. This potential may be considered if evidence of cranial abdominal or subxiphoid discomfort on palpation. Correlation with a spec cPL or a GI panel to include PLI/TLI/Cobalamin/Folate is recommended. No indication for immediate surgical intervention.

44lb

INTERPRETED BY

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DVM, DABVP
(Canine and Feline)

Empirically potential hospitalization with non-specific hepatitis/low grade pancreatitis protocol and as needed GI support with clinical reassessment would be reasonable.

IMAGING PERFORMED BY

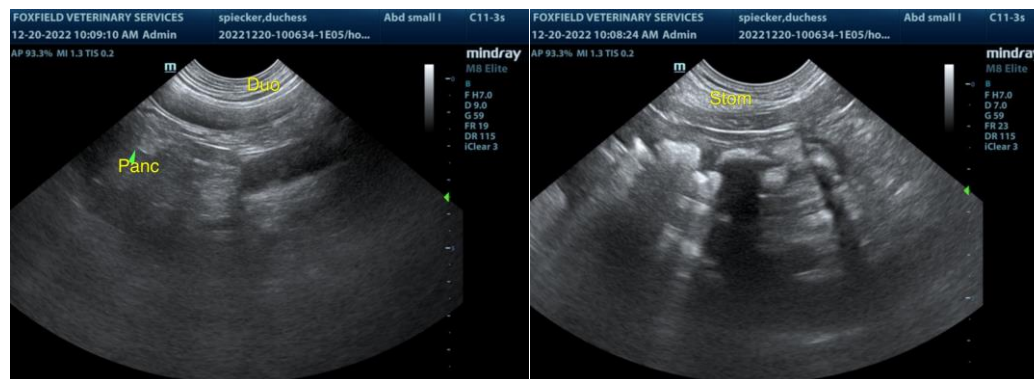
Dr. Rodriguez

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Duchess Spiecker

SPECIES

Canine

BREED

Hound Mix

SEX

FS

AGE

2yr

WEIGHT

44lb

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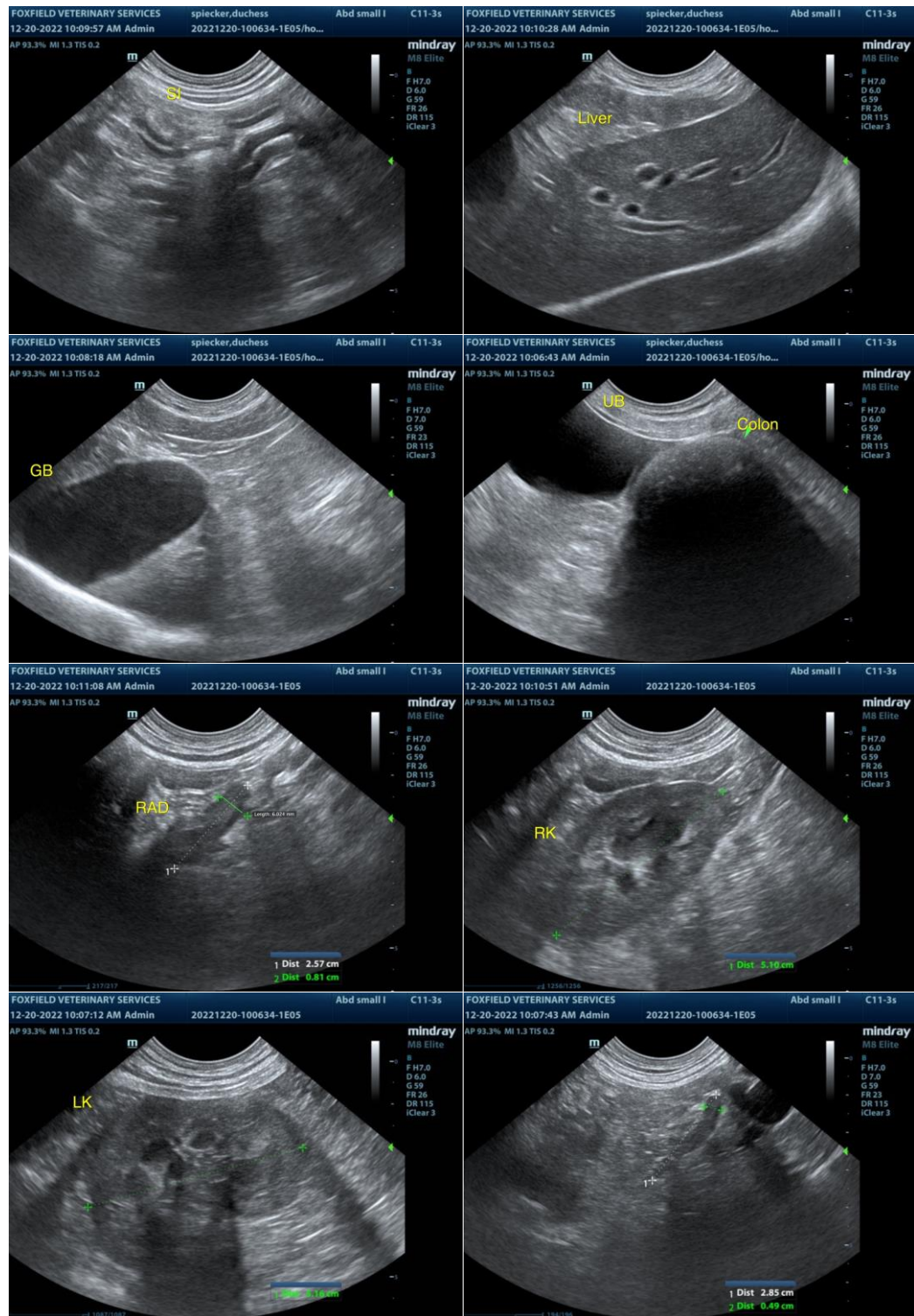
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT

can be of any further assistance, please contact me.

Duchess Spiecker

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Canine

BREED

Hound Mix

SEX

FS

AGE

2yr

WEIGHT

44lb

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