



PATIENT

Paloma Taylor

SPECIES

Canine

BREED

Mix

SEX

Spayed female

AGE

8 years

WEIGHT

63 lbs

PRESENTING CLINICAL SIGNS

History: Recurring GI issues Pancreatitis/vomiting in March Diarrhea & inappetence in May
Abnormal PE/Chem/CBC/UA Results: PE: nsf CBC wnl (from march) Chem: ALT 158 ALP 237 Chol 552 TG 434 Amylase 3055 Lipase >1800 Spec cPL 2000 (from march)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction and appeared normal. 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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.4 cm. The right kidney measured 6.1 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chelsea Pastor

HOSPITAL NAME

Fredon AH

REFERRING VET

Dr. Grau

INVOICE

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Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** revealed uniform parenchyma and slight coarse architecture. This is non-specific, but subjectively benign presentation. The gallbladder revealed minor polyp.

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.



PATIENT *Pancreas*

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The **pancreas** revealed a dilated duct and undulating contour. Mild, heterogenous parenchymal changes were noted. Reactive mesentery was noted.

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ULTRASONOGRAPHIC FINDINGS

Mild chronic pancreatic changes.

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Mix

Reactive mesentery.

Minor, non-specific inflammatory hepatopathy.

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Structurally insignificant inflammatory bowel with periodic pancreatitis likely playing a role.

AGE

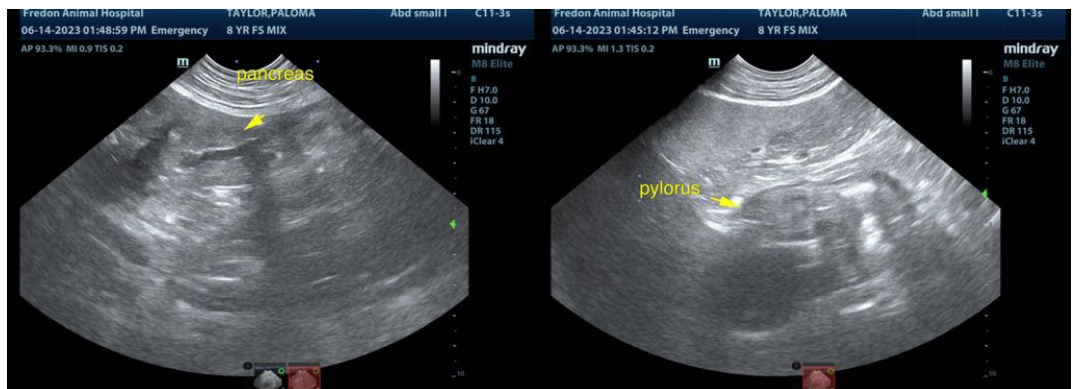
8 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Reactive hepatopathy is likely responsible for ALT elevations. Hydrolyzed diet may be in this patient's best interest. Broad spectrum anti-parasitic protocol is recommended. Enrofloxacin and Metronidazole is recommended over a 10-14 day period +/- Fortaflora or similar intestinal bacterial support. There was no evidence of neoplasia.

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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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

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