



PATIENT PRESENTING CLINICAL SIGNS

Sterling Melvin Not eating, vomiting, pancreatitis, icteric, elevated liver enzymes. Current meds: Buprenex
Abnormal PE/Chem/CBC/UA Results: Abn fpl, Alt 490, ALP 452, GGT 139, Tbil 10, USG 1.050.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline

Urinary System

BREED

DSH

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

Spayed Female

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 right kidney measured 3.27 cm.

AGE

13 Years

Adrenal Glands

WEIGHT

10.3 Pounds

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. The left adrenal gland measured 0.4 cm. The right adrenal gland measured 0.43 cm.

Spleen

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

IMAGING PERFORMED BY

Shari Reffi, CVT

Liver

HOSPITAL NAME

Newton Vet Hospital

The **liver** revealed a mixed hypoechoic, expansive 3.35 cm mass in the medial liver. Other nodular changes and masses noted in the liver. The common bile duct was dilated 0.7 cm, surrounded by free fluid and echogenic debris.

Gastrointestinal

REFERRING VET

Dr. Kim

Reactive mesentery was noted throughout the cranial abdomen, obscuring the duodenal papilla. Undifferentiated tissue was noted in the region of the **pylorus**. Regional lymphadenopathy noted. Variable pyloric thickening was present.

Pancreas

INVOICE

26270

The **pancreas** was enlarged with undulating contour and hypoechoic parenchyma.

Free Abdomen

DATE

10/14/21

Slight areas of free fluid.



PATIENT

Sterling Melvin

ULTRASONOGRAPHIC FINDINGS

- Aggressive pyloric, duodenal and hepatic neoplastic process with post-hepatic obstruction
- Regional free fluid and inflammation

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prognosis is poor. This is not resectable. Likely round cell neoplasia, possibility of carcinoma. Palliative therapy with Prednisolone could be considered, yet prognosis is poor.

BREED

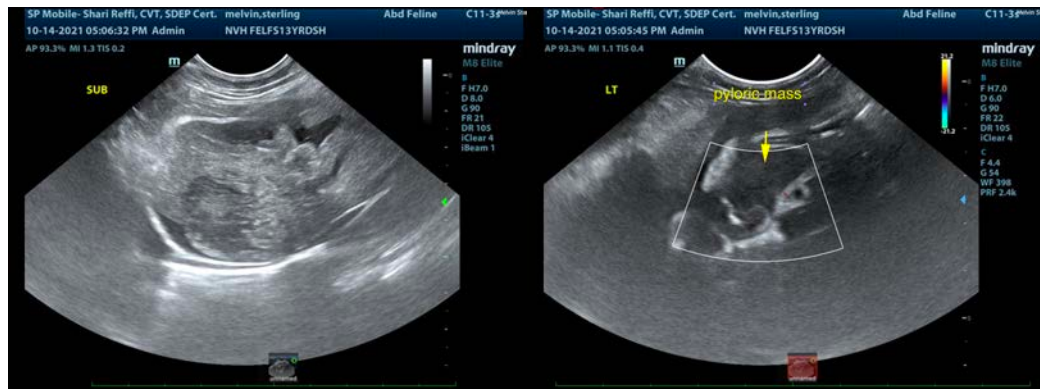
DSH

SEX

Spayed Female

AGE

13 Years

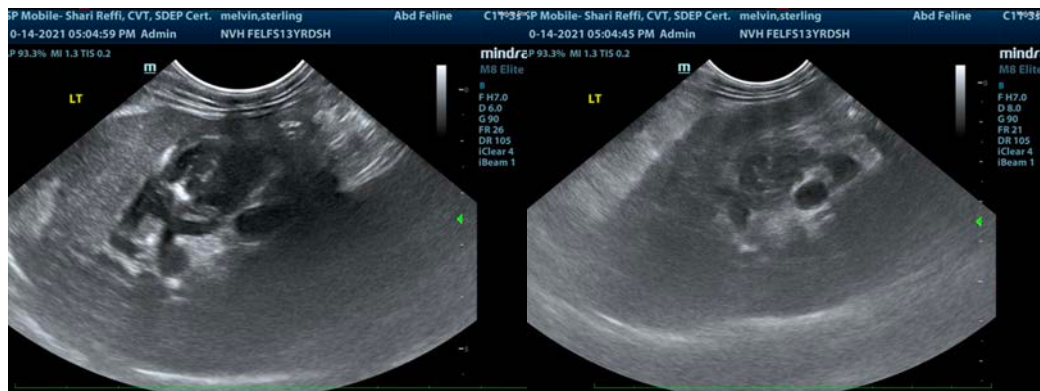


WEIGHT

10.3 Pounds

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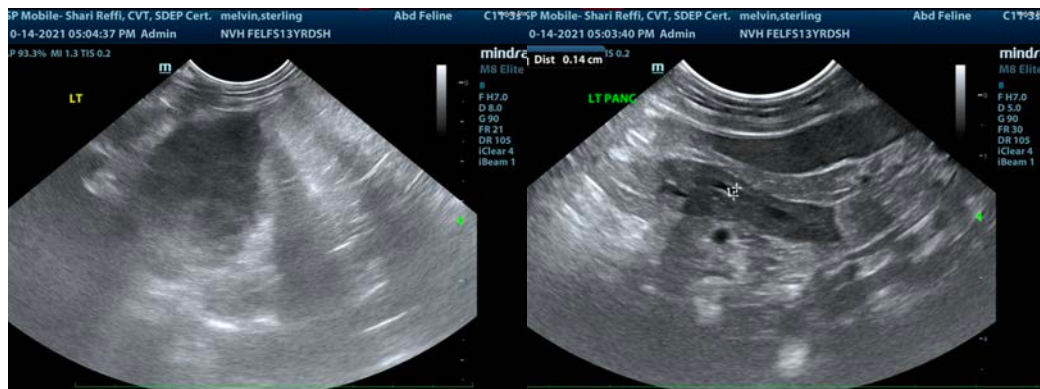


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REFERRING VET

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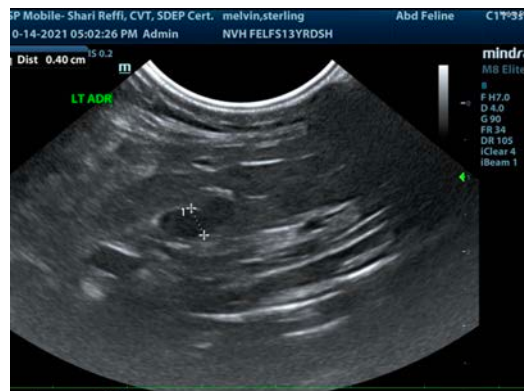
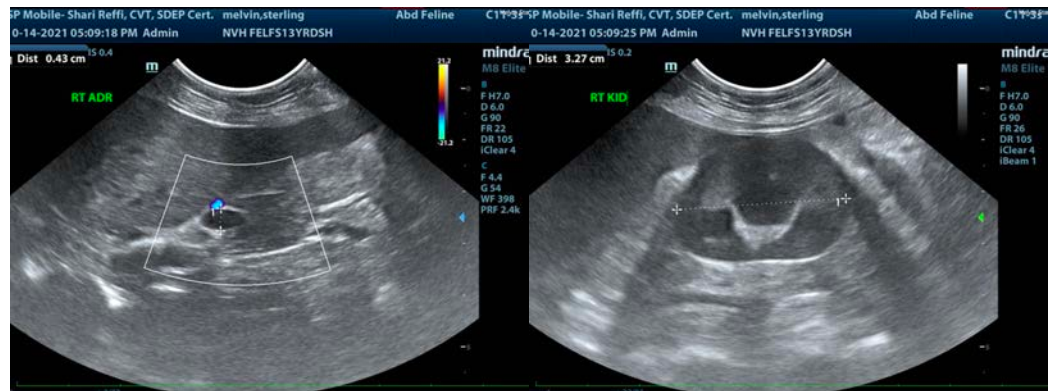
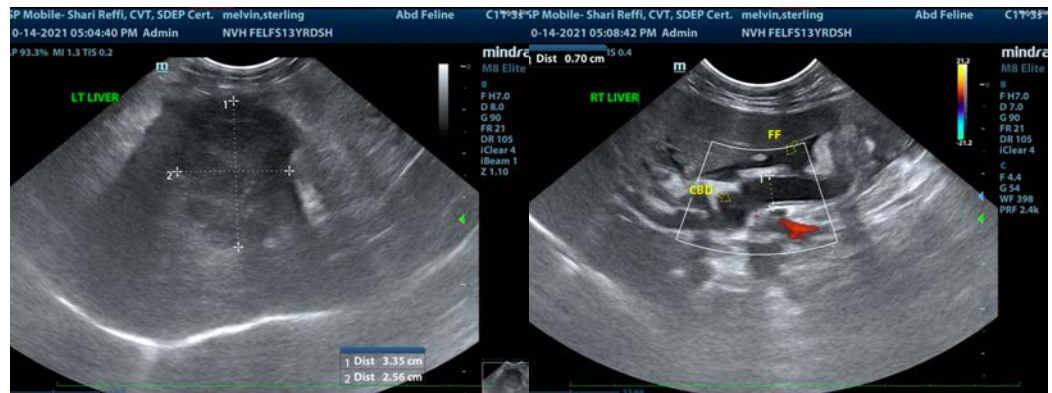
Dr. Kim

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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.

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