



PATIENT

Blackie Chan Star

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

4 years

WEIGHT

17 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

Animal Care Center of
Flanders

INVOICE

95732

DATE

2/1/22

PRESENTING CLINICAL SIGNS

Severe abdominal pain
Total bilirubin 1.3, ALT 147, crea 1.9, HCT 62%, platelets clumped

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone, yet was empty. The ureters were not visible which is normal. No uroliths or sediment were visualized. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.85 cm. The left kidney measured 4.94 cm.

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. The left adrenal gland measured 0.32 cm. The right adrenal gland measured 0.32 cm.

Spleen

The **spleen** was enlarged and irregular with a 1.3 cm swelling at the caudal pole. A minor amount of surrounding free fluid is present.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **stomach** revealed over distension owing to ileus. The pylorus was free of obstructive pathology. The small intestines and colon were unremarkable. The mesenteric lymph nodes were mildly enlarged and measured 0.6 cm with reactive mesentery.



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Pancreas

The pancreas is hypoechoic and irregular with undulating contour.

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ULTRASONOGRAPHIC FINDINGS

Pancreatitis and gastric stasis.

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Empty urinary bladder.

Enlarged spleen with a swelling at the caudal pole.

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Free fluid surrounding the spleen.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urine production should be evaluated. Toxin exposure and infectious agents are suspected. There is a potential for emerging round cell neoplasia given the splenic irregularity. FNA of the spleen, abdominocentesis and cytospin is recommended. This is a non-specific, yet aggressive presentation. Arguments could be made for underlying neoplasia such as mast cell disease, FIP, toxin exposure or other infectious agents. Abdominal biopsies of the spleen, gastrointestinal tract, liver and pancreas are all indicated.

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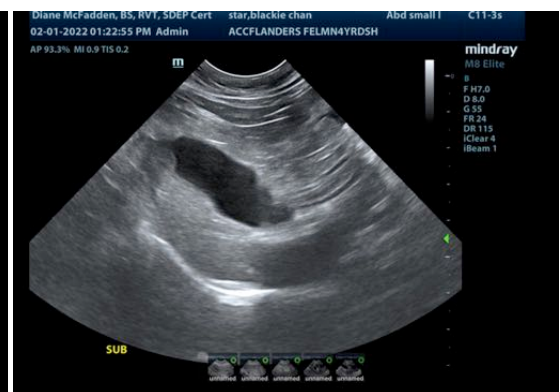
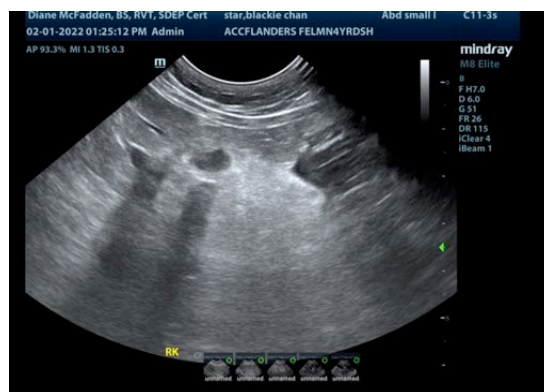
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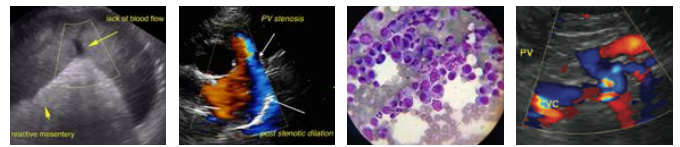
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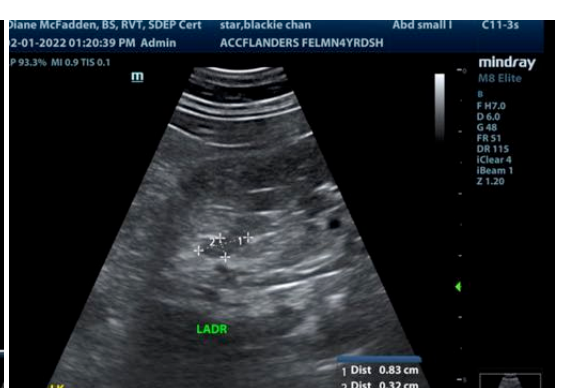
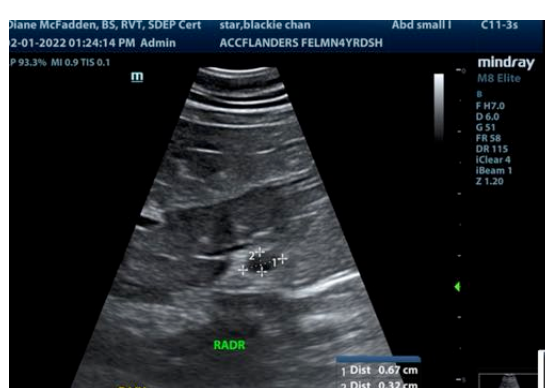
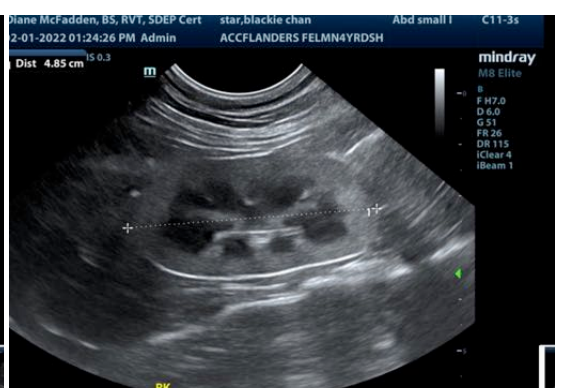
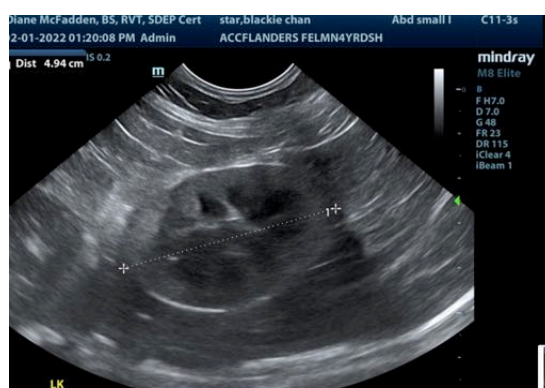
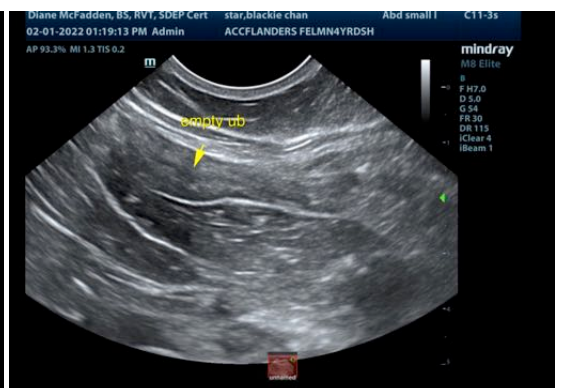
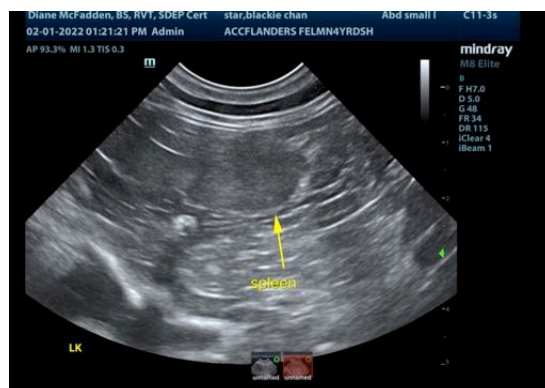
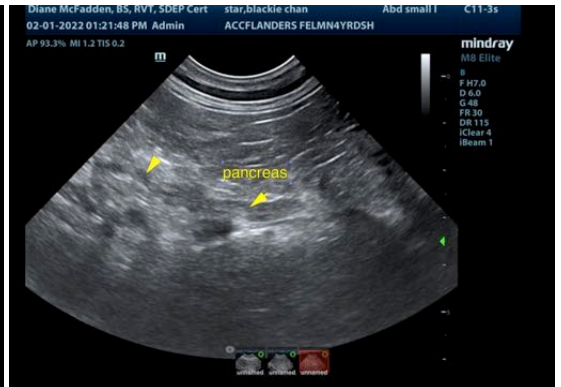
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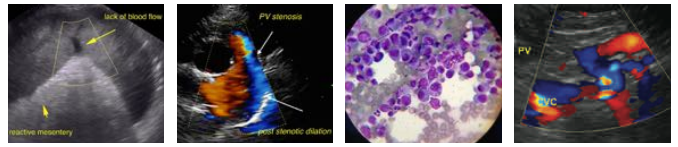
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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Info@SonoPath.com

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