



PATIENT

Flower Patterson

SPECIES

Feline

BREED

Siamese Mix

SEX

Spayed Female

AGE

8

WEIGHT

10

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Arch Gordon

HOSPITAL NAME

Coral Ridge AH

REFERRING VET

Arch Gordon

INVOICE

22122

DATE

4/21/23

PRESENTING CLINICAL SIGNS

Patient was at another clinic and was discharged last night after treatment for bloody diarrhea - we do not have records - PCV was 29 % per owner .Today Flower is severely congested , MM white Lab work revealed anemia and hyperglobulinemia , retic were 154 k she is dehydrated, non febrile Radiographs reflect no thoracic fluids or masses, large amounts of gas throughout SI , no fluids or obvious masses noted

Abnormal PE/Chem/CBC/UA Results: RBC 4.82 6.54-12.2 HCT 18.1 % 30.3 52.3 % HB 5.8 gdl 9.8- 16.2 retic 154 k , rbc normocytic, normochromic platelets normal Felv - FIV NEG Glob 5.9 g dl 2.8 -5.1 g dl

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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 4.04 cm. The right kidney measured 3.1 cm. A cortical infarct was noted in the cranial pole of the right kidney- appears stable with no evidence of active inflammation.

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 0.37 cm. The right adrenal gland measured 0.33 cm.

Spleen

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.

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



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There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with possible hair accumulation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

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Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

BREED

Siamese Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

- Structurally unremarkable abdomen
- Minor age-related renal changes with right renal cortical infarct (appears stable)
- Partially full stomach

AGE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the elevated globulin, screening FNA of the spleen could be considered despite structurally appearing normal. The cause of anemia is unclear. CBC path review +/- bone marrow aspirates indicated. Sonographically, the abdomen appears to be benign.

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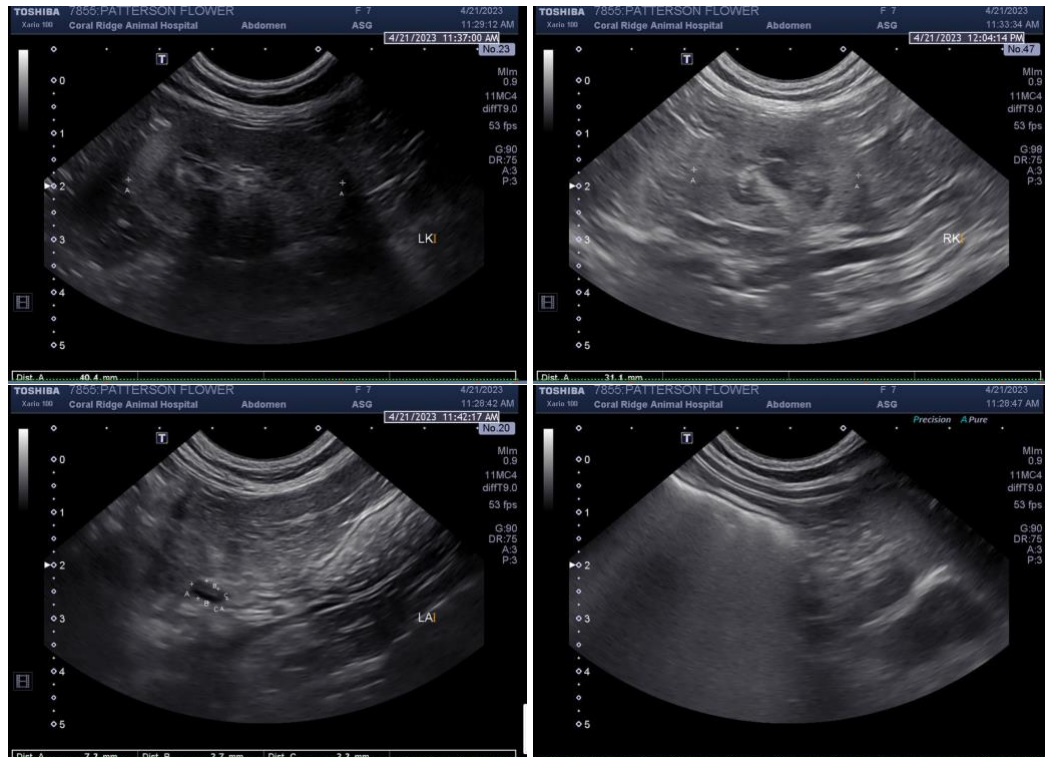
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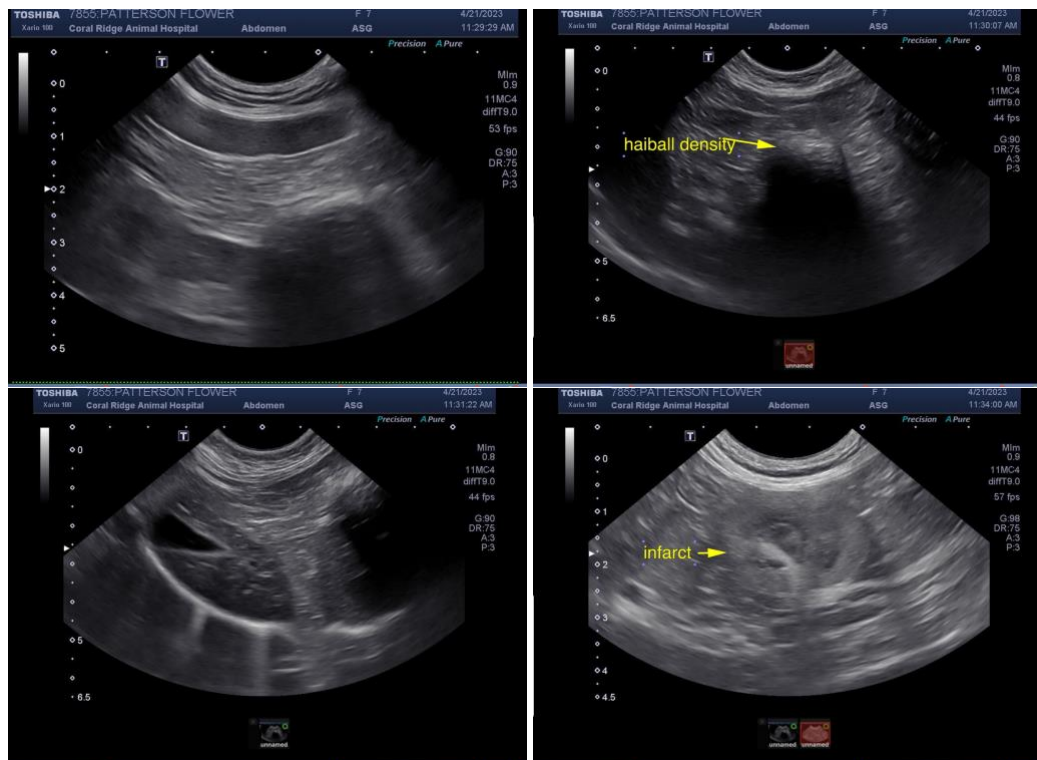
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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