



PATIENT PRESENTING CLINICAL SIGNS

Sophie Black History: Presented due to weight loss, diarrhea and vomiting 2-3 weeks duration
 Abnormal PE/Chem/CBC/UA Results: distended abdomen, CBC: WBC=80.96 (5.5-19.5) K/uL, lymphocytes=67,050 (1500-7000) /uL FeLV/FIV negative

SPECIES

Feline

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 was noted. Ureteral papillae were normal.

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

14 years

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.0 cm with slight pinpoint mineralization. The right kidney measured 3.0 cm.

WEIGHT

8 lbs

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.

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Green

Spleen

The **spleen** was mildly enlarged and measured 1.2 cm and was uniform with scalloping contour.

HOSPITAL NAME

Healing Spirit Animal
 Wellness

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.

REFERRING VET

Dr. Green

INVOICE

96912

Gastrointestinal

DATE

3/15/22

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Variable intestinal thickening was present without loss of mural detail. Hyperperistalsis was present.



PATIENT

Pancreas

Sophie Black

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

14 years

WEIGHT

8 lbs

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

ULTRASONOGRAPHIC FINDINGS

Mild splenic enlargement.

Minor intestinal thickening.

Prominent pancreas.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chronic triad disease is likely with reactive spleen. There is a potential for emerging round cell neoplasia. FNA of the spleen is warranted. Full thickness intestinal biopsies would be ideal. If clinical signs persist then recheck sonogram is indicated. Given the lymphocytosis emerging systemic lymphoma is likely. PCR of the CBC would be recommended and FNA of the spleen. There is concern for splenic +/- intestinal lymphoma even though neoplastic criteria is not completely present in the intestinal tract the spleen is enlarged.

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REFERRING VET

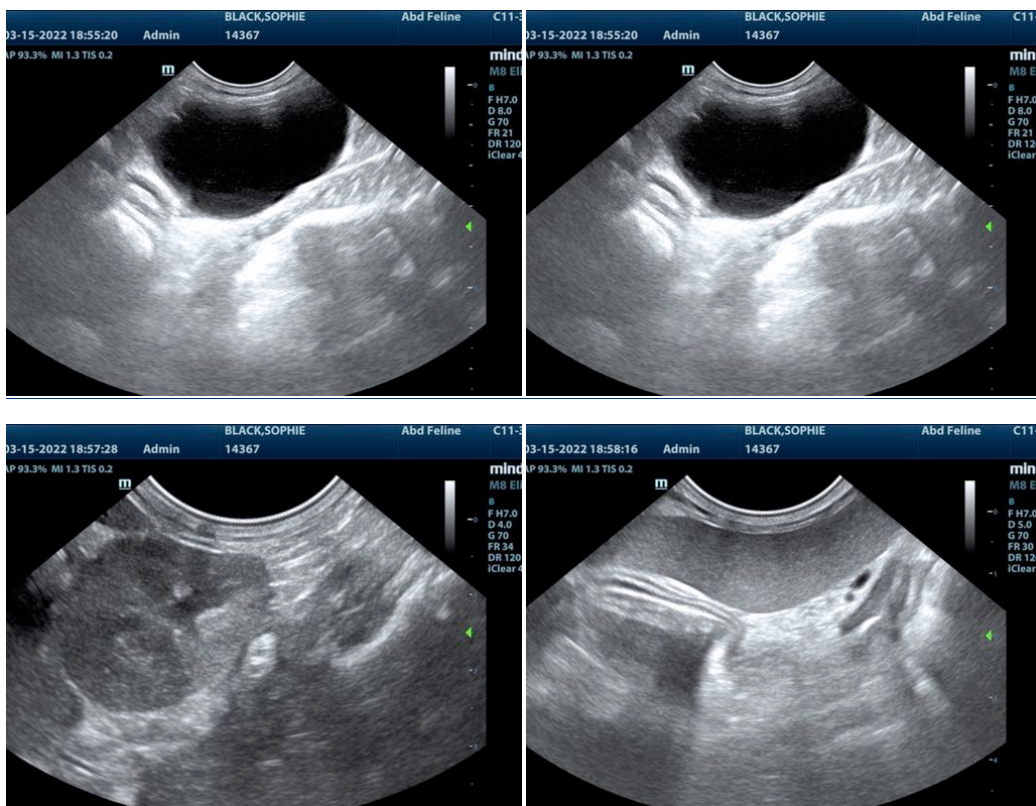
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PATIENT

Sophie Black

SPECIES

Feline

BREED

Domestic Shorthair

SEX

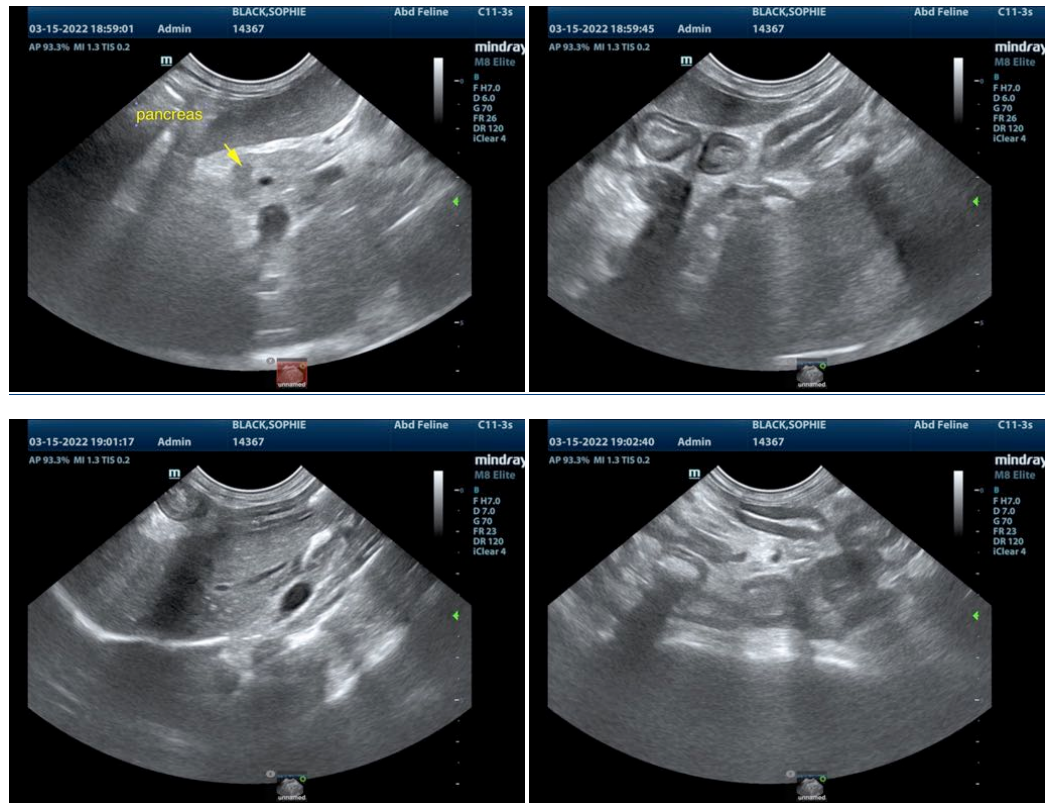
Spayed Female

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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.

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