



PATIENT	PRESENTING CLINICAL SIGNS
Monty Bisson	Presented 01/03/2022 for 3 week history of weight loss, inappetence, diarrhea - 10% dehydrated - Gassy on abdominal palpation, but not painful - Trial of metronidazole 62.5mg PO q12h x12d, Aventi GI 1mL PO q24h x15d, dewormer; diarrhea improved but no change in appetite or bloodwork. No meds currently.
SPECIES	Abnormal PE/Chem/CBC/UA Results: RBC 6.03 (6.54-12.20) HCT 25.2 (30.3-52.3) HGB 8.7 (9.8-16.2) WBC 38.9 (2.87-17.02) NEU 34.82 (2.30-10.29) EOS 0.07 (0.17-1.57) GLU 10.16 (3.95-8.84) SDMA 19 (0-14) UREA 5.0 (5.7-12.9) TP 54 (57-89) ALB 18 (23-29)
Feline	
BREED	
Domestic Shorthair	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
	Urinary System
SEX	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.
Neutered male	
AGE	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 3.34 cm. The right kidney measured 3.79 cm.
9 years	
WEIGHT	
4.22 kg	
INTERPRETED BY	Adrenal Glands
Eric Lindquist, DMV DABVP, Cert. IVUSS	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.
IMAGING PERFORMED BY	Spleen
Crystal Hill	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 was noted.
HOSPITAL NAME	
Snelgrove VS	
REFERRING VET	Liver
Dr. Ioannou	The liver was irregular in contour. 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. Pleural effusion was noted through the diaphragm.
INVOICE	
95674	
DATE	
1/31/22	



PATIENT

Gastrointestinal

Monty Bisson

Retention of ingesta and/or hairball accumulation was noted in the **stomach**. Variable small intestinal thickening was noted. The descending colon at the level of the cystourethral junction was thickened with surrounding free fluid. Reactive mesentery was noted throughout the midabdomen.

SPECIES

Feline

Pancreas

BREED

The **pancreas** revealed heterogenous parenchymal changes with enhanced surrounding mesentery.

Domestic Shorthair

SEX

Neutered male

Free Abdomen

The sublumbar lymph node was mildly enlarged and measured 1.5 x 0.8 cm. The length to width ratio was maintained.

AGE

9 years

ULTRASONOGRAPHIC FINDINGS

Variable gastrointestinal thickening.

WEIGHT

4.22 kg

Colonic thickening.

Irregular liver.

Pleural effusion noted through the diaphragm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Thoracic ultrasound is warranted to assess intercostal spaces and the heart for causes of pleural effusion. However, I am concerned for colonic +/- hepatic neoplasia. Chest radiographs are warranted. Ultrasound-guided FNA of the liver and sublumbar lymph node can be considered. Hairball therapy and supportive care is warranted in the meantime. CBC path review is warranted. The colonic wall thickening revealed increased submucosal echogenicity and hypertrophied muscularis. However, neoplastic criteria was not completely met. The prognosis is guarded. Otherwise, full thickness gastrointestinal and colonic biopsies could be considered. If Prednisolone has been utilized in this patient's history, it may be suppressing a more significant presentation. However, I would start the next diagnostic step by examination of the thorax through radiographs and ultrasound +/- FNA of the liver and sublumbar lymph node as well as CBC path review +/- bone marrow aspirate.

IMAGING PERFORMED BY

Crystal Hill

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PATIENT

Monty Bisson

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

9 years

WEIGHT

4.22 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Snelgrove VS

REFERRING VET

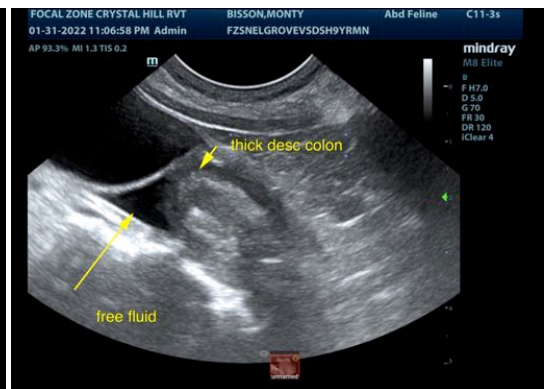
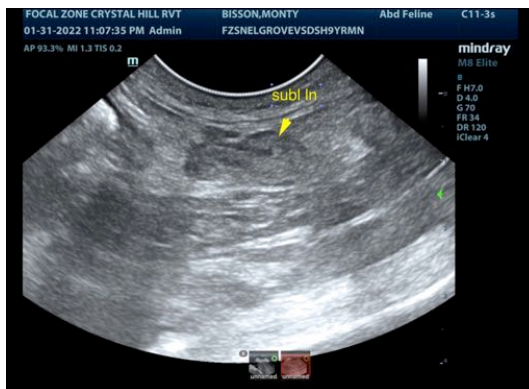
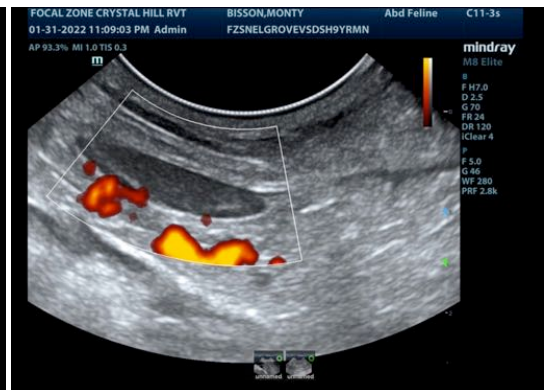
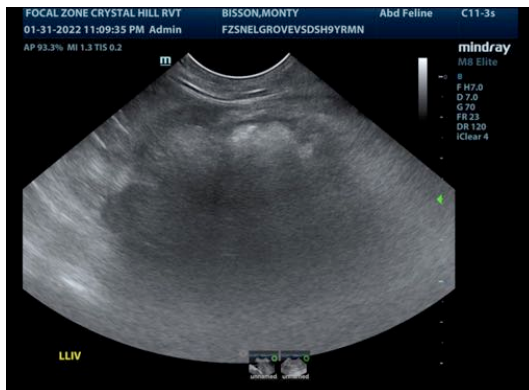
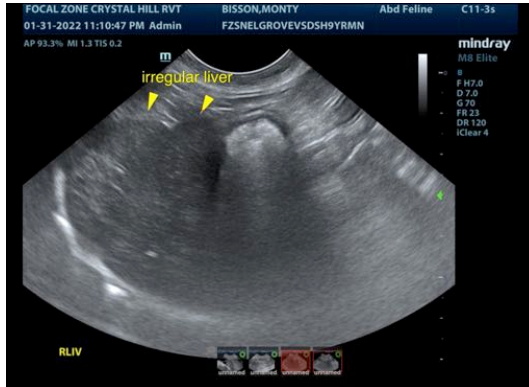
Dr. Ioannou

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PATIENT

Monty Bisson

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.

SPECIES

Feline

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.

BREED

Domestic Shorthair

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

SEX

Neutered male

AGE

9 years

WEIGHT

4.22 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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