

PATIENT

Sir Sherlock Holmes
Klucha

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

4 Years

WEIGHT

4.7 kg

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Niagara Vet
Emergency Clinic

REFERRING VET

Dr. Price

INVOICE

10079

DATE

12/29/21

PRESENTING CLINICAL SIGNS

History: Chronic vomiting and diarrhea (2 weeks) Palpable focal thickened area of intestine
Abnormal PE/Chem/CBC/UA Results: Bloodwork all within normal limits. Abdominal radiographs show generalized fluid dilation of small intestine, corrugated area in colon

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended. The wall is normal in thickness with a smooth mucosal surface. A small amount of aggregated echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and the visualized portion of the proximal urethra are normal.

The left kidney is normal size (3.94 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

The right kidney is normal size (3.85 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.60 cm length; 0.31 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.55 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (0.74 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal.

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering



PATIENT

Sir Sherlock Holmes
Kluha

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

4 Years

WEIGHT

4.7 kg

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Niagara Vet
Emergency Clinic

REFERRING VET

Dr. Price

INVOICE

10079

DATE

12/29/21

pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is diffusely thickened (up to 0.41 cm) with apparent retention of the normal layering pattern. There is disruption in the normal 1:3 muscularis to mucosal ratio with a > 1:1 ratio in most segments. Discrete masses are not identified. The ileocecal colic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Free Abdomen

There is no evidence of free fluid. One to two prominent midabdominal lymph nodes are suspected.

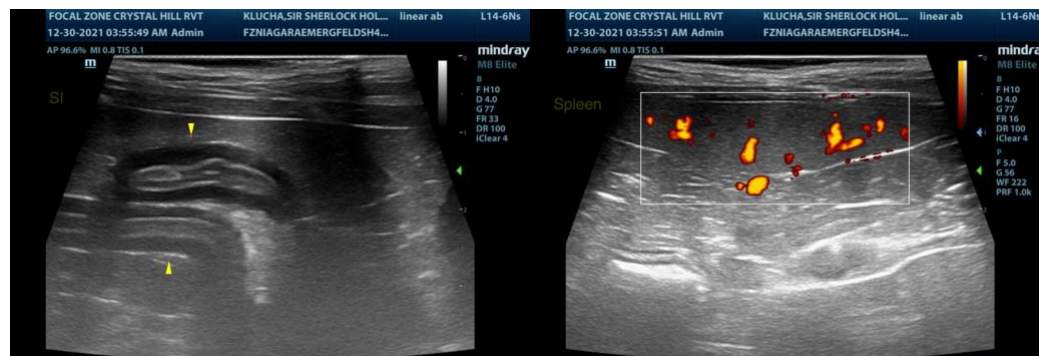
ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The bowel pattern is concerning for emerging lymphoma. However, severe inflammatory bowel disease cannot be excluded.
- Questionable mesenteric lymphadenopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A malabsorption panel including serum cobalamin, folate, TLI and PLI as well as a fecal evaluation for ova and Giardia are recommended.
- Ultimately, endoscopic or surgical gastrointestinal biopsies would be necessary to get a definitive diagnosis. Surgical biopsies would be ideal, as all areas of bowel can be accessed with this approach.
- If the patient is to undergo general anesthesia, three-view thoracic radiographs are recommended to assess cardiopulmonary status.





PATIENT

Sir Sherlock Holmes
Kluha

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

4 Years

WEIGHT

4.7 kg

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Niagara Vet
Emergency Clinic

REFERRING VET

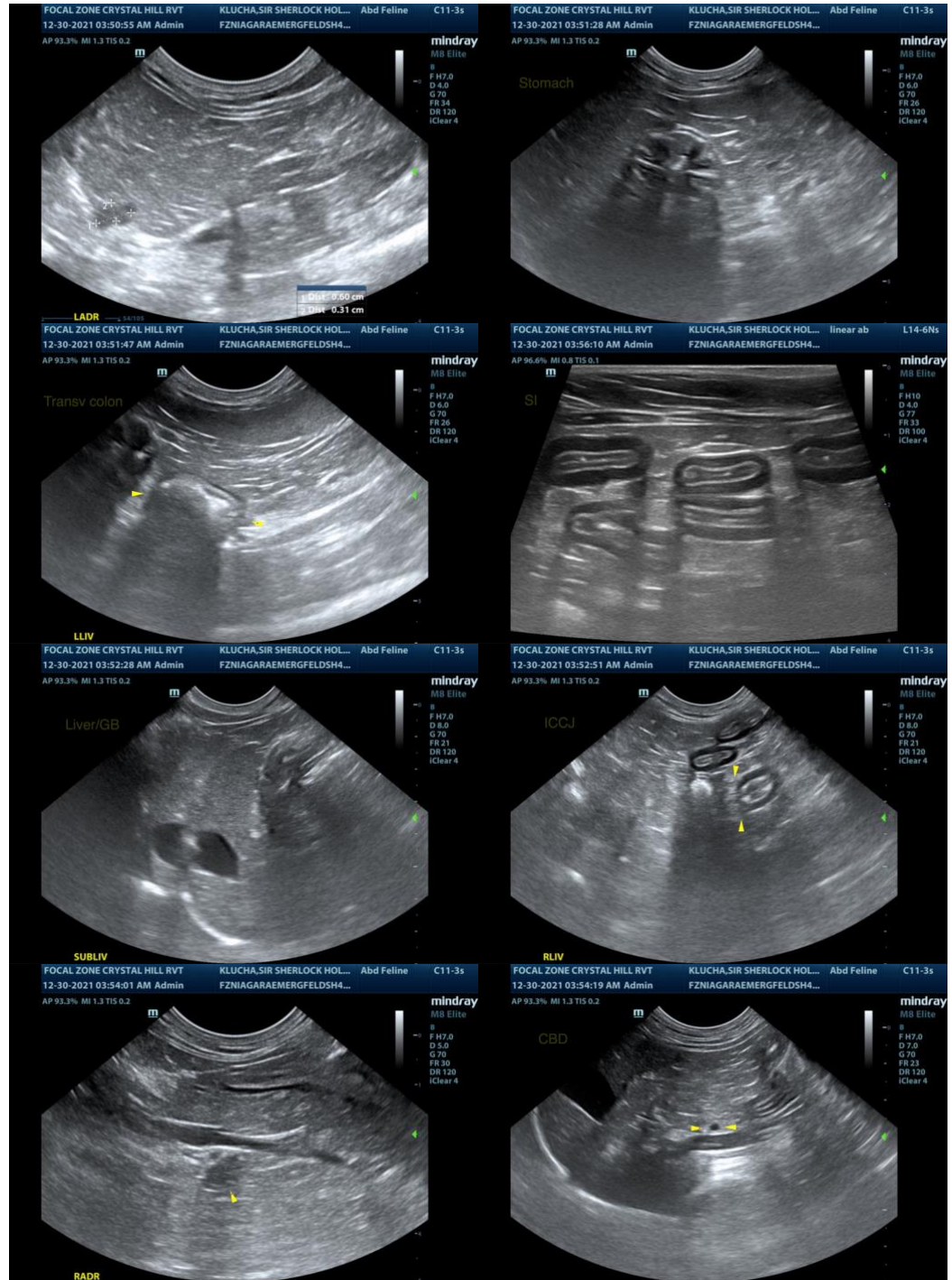
Dr. Price

INVOICE

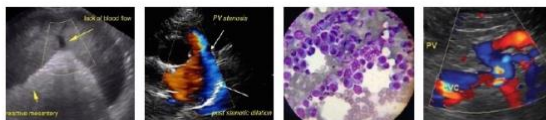
10079

DATE

12/29/21



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.



PATIENT

Sir Sherlock Holmes
Kluha

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

4 Years

WEIGHT

4.7 kg

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Niagara Vet
Emergency Clinic

REFERRING VET

Dr. Price

INVOICE

10079

DATE

12/29/21

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.

Andrea Nicastro, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com