



PATIENT PRESENTING CLINICAL SIGNS

Illy Unrath Chronic intermittent vomiting, weight loss, tense abdomen, lethargic

SPECIES Abnormal PE/Chem/CBC/UA Results: CBC: There was a marked increase in WBC, with neutrophils being markedly enlarged, no bands were seen Chem 17, SDMA, and TT4 were all within reference ranges
Feline

BREED Current Medications Cerenia 4mg every other day, 5mg metoclopramide BID, Clavamox 62.5mg BID and Pred 1mg/kg tapering dose Primary Question/Differential to Be Answered in This Exam Cause of the Elevated white count, intermittent vomiting and lethargy
Siberian

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX
MN

AGE The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
15yr

WEIGHT Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomodullary distinction was also present. The renal medullary volume was subjectively reduced. The left kidney measured 3.6 cm in length. The right kidney measured 4.5 cm in length.
6.5lb

INTERPRETED BY The area of the aortic trifurcation was free of pathology.
R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.30 cm width. No overt pathology in the area of the right adrenal gland.

IMAGING PERFORMED BY

Jenna Walsh CVT

Spleen

The spleen exhibited normal size and contour with a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A solitary non-disruptive variably hyperechoic nodule was present measuring 0.46 cm. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

HOSPITAL NAME

South Willamette VC

Liver/Gallbladder

REFERRING VET

Dr. Shelton

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The proximal common bile duct was mildly dilated and tortuous without overt post hepatic obstruction. Suspect age related common bile duct changes.

INVOICE

14496ag

Gastrointestinal

DATE

08/07/2023



PATIENT	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate variably echogenic ingesta with areas of mild progressive distal acoustic shadowing with no signs of ileus, obstruction or foreign material.
Illy Unrath	
SPECIES	The small intestine presented intact mildly prominent wall layering with 1:3 muscularis/mucosa ratio. No evidence of loss of intestinal wall layering or intestinal masses. The lumen of the small intestine contained mild segmental non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material. The duodenum wall measured 0.35 cm width. The jejunum wall measured 0.26 cm width. The ileocolic wall measured 0.30 cm width.
Feline	
BREED	Normal visible colon wall layers were present with semi formed to soft feces in lumen.
Siberian	
SEX	Pancreas
MN	The left pancreatic limb exhibited subtle prominent size with capsule asymmetry and mildly non-homogenous hypoechoic parenchyma. Minot left limb pancreatic duct dilation was present.
AGE	Free Abdomen
15yr	A small pocket of scant free fluid was present in the cranial abdomen around the caudal liver.
WEIGHT	Intermittent mildly prominent to enlarged mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).
6.5lb	

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Jenna Walsh CVT

HOSPITAL NAME

South Willamette VC

REFERRING VET

Dr. Shelton

INVOICE

14496ag

DATE

08/07/2023

ULTRASONOGRAPHIC FINDINGS

- Moderate chronic renal changes.
- Splenic nodule-subjectively benign, suggestive of myelolipoma.
- Gastric ingesta.
- Chronic enteropathy pattern.
- Semi formed/soft feces in colon.
- Probable chronic active pancreatitis.
- Intermittent sonographically benign/reactive mesenteric lymphadenopathy and scant peritoneal free fluid.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The presence of gastric ingesta is nonspecific and likely indicates post-prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, the presence of gastric ingesta may indicate some degree of gastric hypomotility or metabolic stasis. The sonographic presentation of the ingesta was most consistent with food, without evidence of foreign material. Potentially current prednisolone may be masking gastroenterocolic mural changes.

A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. Three view chest radiographs are recommended if not done to assess for occult thoracic pathology as a potential contributing factor to the weight loss and CBC abnormalities. A CBC path review is warranted. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.



PATIENT

Illy Unrath

In addition to current GI support, canned novel protein or hydrolyzed diet trial with smaller more frequent feedings and as needed gastroprotectants may prove beneficial.

SPECIES

Feline

BREED

Siberian

SEX

MN

AGE

15yr

WEIGHT

6.5lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Jenna Walsh CVT

HOSPITAL NAME

South Willamette VC

REFERRING VET

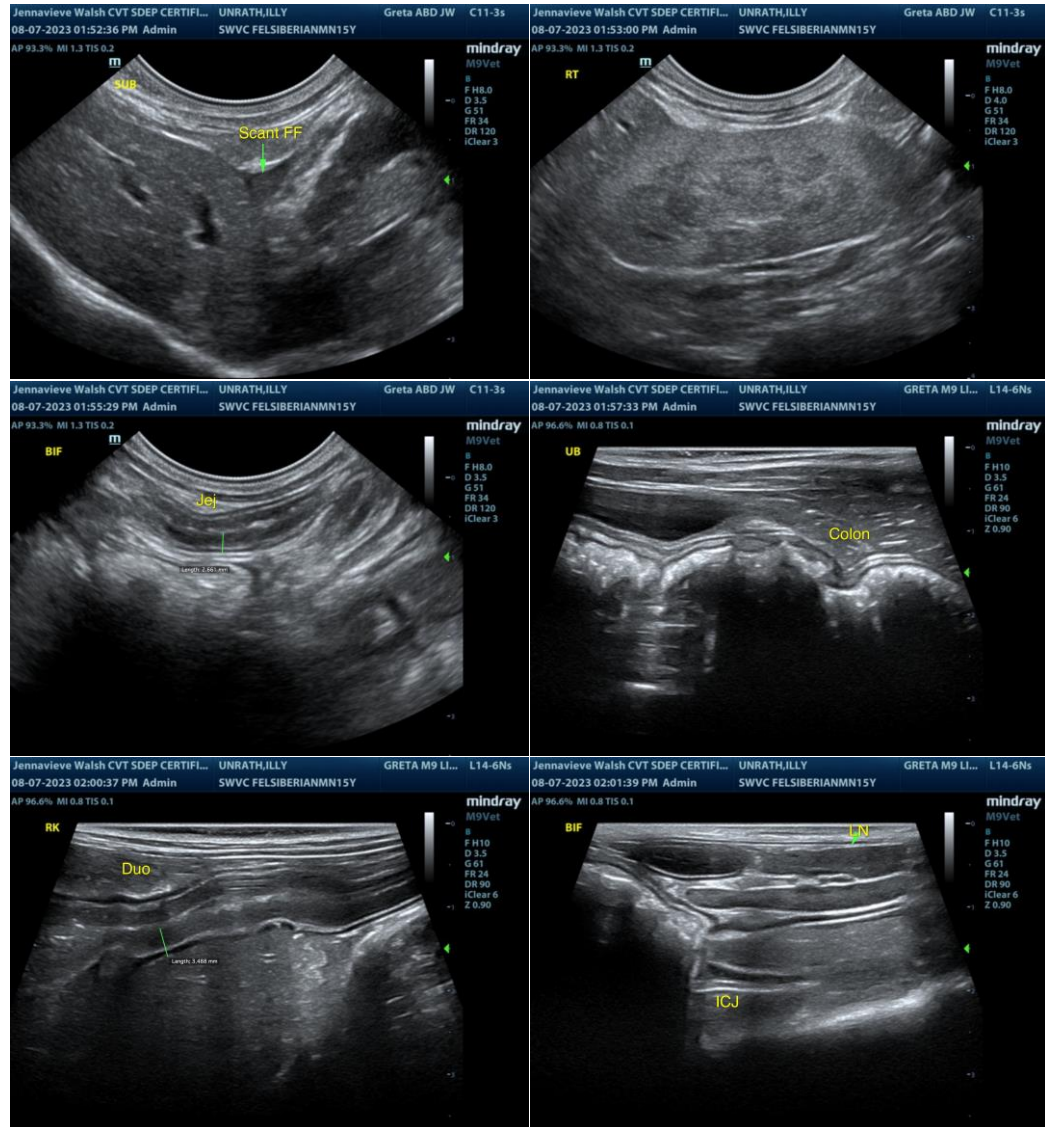
Dr. Shelton

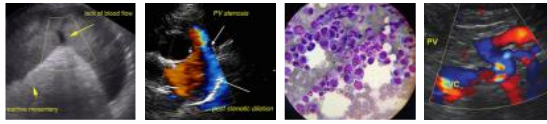
INVOICE

14496ag

DATE

08/07/2023





PATIENT

Illy Unrath

SPECIES

Feline

BREED

Siberian

SEX

MN

AGE

15yr

WEIGHT

6.5lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Jenna Walsh CVT

HOSPITAL NAME

South Willamette VC

REFERRING VET

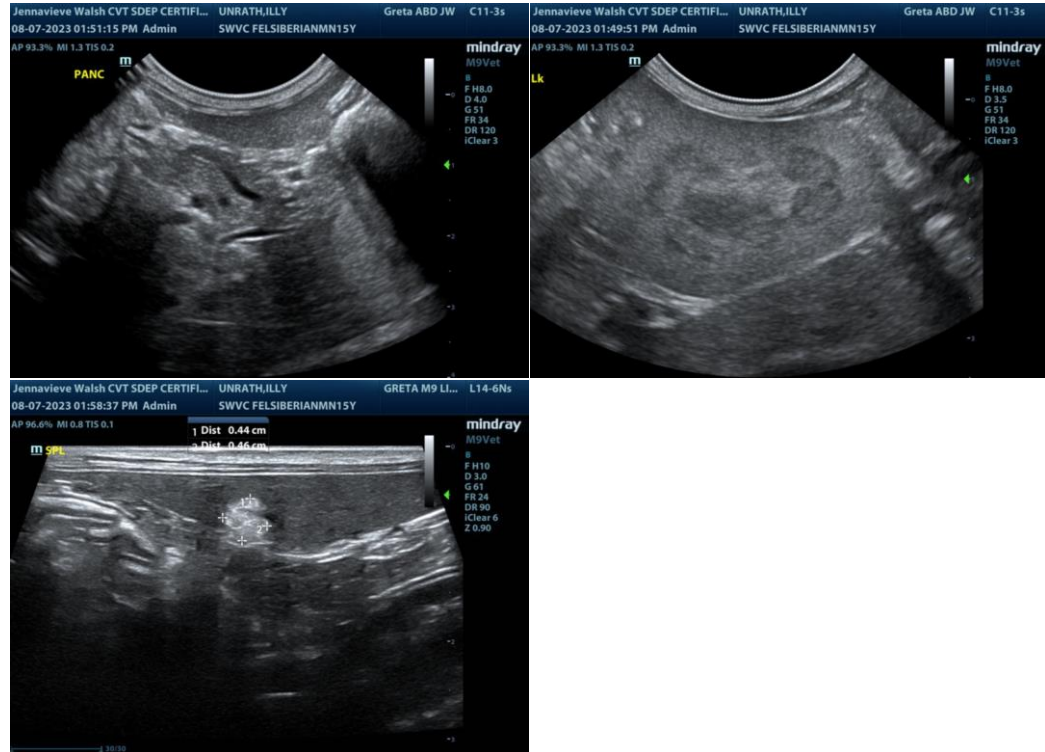
Dr. Shelton

INVOICE

14496ag

DATE

08/07/2023



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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com