



## PATIENT

Clooney Hecox

## SPECIES

Feline

## BREED

Siamese

## SEX

MN

## AGE

14 years

## WEIGHT

14.75 lbs.

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Sara Hansen

## HOSPITAL NAME

Orchard View VC

## REFERRING VET

Dr. Rowland

## INVOICE

14473

## DATE

8/2/22

## PRESENTING CLINICAL SIGNS

Very difficult to examine unsedated. Fractious! -Patient is typically unremarkable on physical examination once sedated -Per Owner appetite waxes and wanes at home, which is abnormal for Clooney. Owner very concerned there is something going on with GI tract. -Appetite has intermittently responded to Mirtazapine therapy

Abnormal PE/Chem/CBC/UA Results: Spec fPL 12.4, normal range 0-3.5 Amylase elevated at 1884 NO azotemia present CREA=1.7 TT4=WNL Fructosamine WNL Current Medications Mirtazapine PRN Radiographic Findings Abdominal rads on June 23, 2022 -reviewed by radiologist-NSF Skull Films Reviewed by Dentist: These radiographic findings are consistent with tooth resorption at 104, 204 with apical periodontitis (inflammation at the apex of the tooth) at 204 and mild localized rhinitis at the left rostral to mid nasal passage. The changes at 204 and in the nasal cavity may be unrelated to the presenting complaint.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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 was noted.

The area of the aortic trifurcation was free of pathology.

Normal size and mild asymmetrical renal margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. Pinpoint discrete areas of medullary mineralization were noted in both kidneys. No evidence of pelvic dilation was present. The left kidney measured 4.3 cm in length. The right kidney measured 4.5 cm in length.

### Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.42 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.35 cm width.

### Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.



**PATIENT**

Clooney Hecox

**SPECIES**

Feline

**BREED**

Siamese

**SEX**

MN

**AGE**

14 years

**WEIGHT**

14.75 lbs.

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Orchard View VC

**REFERRING VET**

Dr. Rowland

**INVOICE**

14473

**DATE**

8/2/22

***Liver/ Gallbladder***

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 cystic and common bile ducts were normal.

***Gastrointestinal***

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material. The gastric body wall width measured 0.25 cm.

The small intestine exhibited intact wall layering and primarily maintained 1:3 muscularis/mucosa ratio with segmental propensity for mildly prominent jejunal muscularis layer. The duodenum wall measured 0.25 cm width. The jejunum wall measured up to 0.28 cm width. No overt pathology was noted in the area of the ileocolic junction.

Normal visible colon wall layers were present with apparent formed feces in lumen.

***Pancreas***

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

***Free Abdomen***

No omental masses, lymphadenopathy, or peritoneal effusion were noted.

**ULTRASONOGRAPHIC FINDINGS**

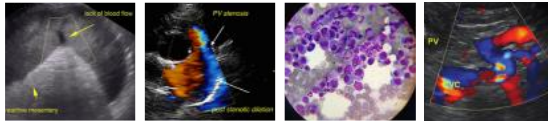
- Mild chronic renal changes
- Intact yet segmental mildly prominent small intestinal walls
- Overtly normal pancreas

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overall, largely mild geriatric abdomen without evidence of significant visceral pathology.

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

The small intestine exhibited subjective subtle mural changes, which may potentially suggest low-grade inflammatory enteropathy. However, given the lack of reported GI signs i.e., diarrhea, weight loss, etc., this finding is nonspecific with potential for patient variant. No sonographic evidence of active pancreatitis was noted, although low-grade to chronic pancreatitis may at times present



**PATIENT**

Clooney Hecox

**SPECIES**

Feline

**BREED**

Siamese

**SEX**

MN

**AGE**

14 years

**WEIGHT**

14.75 lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Orchard View VC

**REFERRING VET**

Dr. Rowland

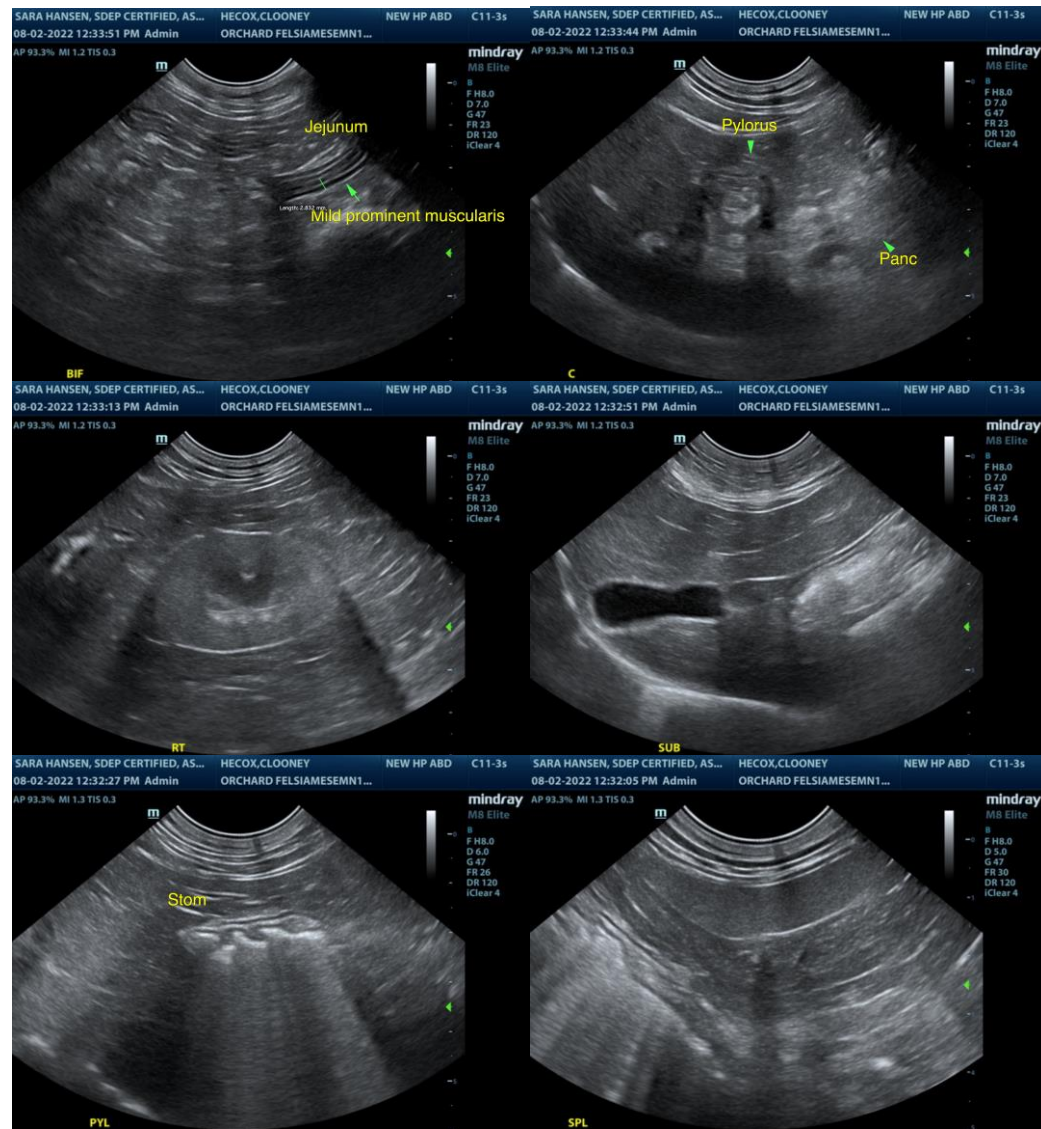
**INVOICE**

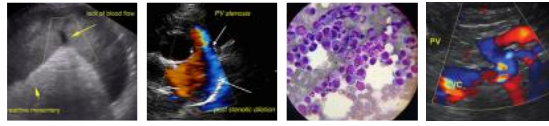
14473

**DATE**

8/2/22

sonographically normal. Assessment of serum cobalamin and folate levels could be considered for further assessment of the small intestine. Continued monitoring for evidence of potential weight loss and progressive gastrointestinal signs is recommended.





**PATIENT**

Clooney Hecox

**SPECIES**

Feline

**BREED**

Siamese

**SEX**

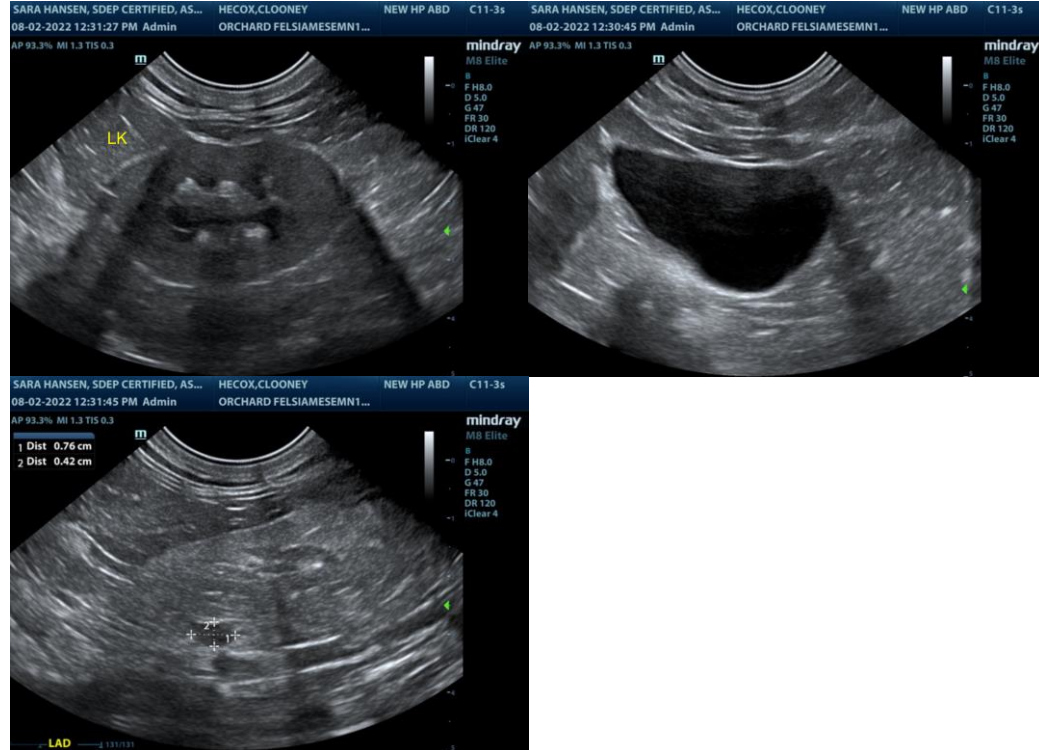
MN

**AGE**

14 years

**WEIGHT**

14.75 lbs.



**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sara Hansen

**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.

**HOSPITAL NAME**

Orchard View VC

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
info@SonoPath.com

**REFERRING VET**

Dr. Rowland

**INVOICE**

14473

**DATE**

8/2/22