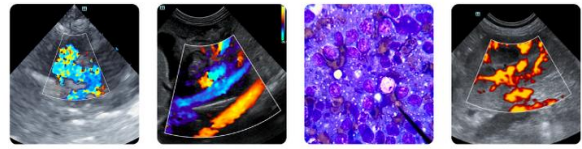


| | |
|--|--|
| PATIENT | PRESENTING CLINICAL SIGNS |
| Oreo Horner | P presented for vomiting, lethargy, discomfort while walking, not eating, Not UTD on vaccines. P very dehydrated |
| SPECIES | Abnormal PE/Chem/CBC/UA Results: WBC 3.6, Neu 1.9, Lymph 0.8, Mono 0.87, Eos 0, Glu 191, Crea 2.7, BUN 64, Phos 10.8, Na 142, Cl 98, TP 9.2, Glob 5.7 |
| Feline | ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN |
| BREED | Urinary System |
| DMH | The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild non-dependent particulate sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted. |
| SEX | |
| MN | Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. A mild hyperechoic corticomedullary band, consistent with a medullary rim sign, was present. This is a nonspecific finding seen in both normal and abnormal kidneys. It may be associated with interstitial renal disease, hypercalcemia, tubular necrosis, lymphoma, and FIP. However, it is a nonspecific finding. The left kidney measured 4.4 cm in length. The right kidney measured – cm in length. |
| AGE | |
| 2yr | |
| WEIGHT | |
| 6.4lb | The area of the aortic trifurcation was free of pathology. |
| INTERPRETED BY | Adrenal Glands |
| R. McKenzie Daniel, DVM, DABVP (Canine and Feline) | The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.44 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.39 cm width. |
| IMAGING PERFORMED BY | Spleen |
| Kathleen Byrnes | 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. |
| HOSPITAL NAME | Liver/Gallbladder |
| Pet Care Clinic of the High Country | 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. Normal vascular volume. 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. |
| REFERRING VET | Gastrointestinal |
| Dr Russell | The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate retained anechoic fluid with no signs of obstruction or foreign material. |
| INVOICE | |
| 23388 | |
| DATE | |
| 12/31/2025 | |



PATIENT

Oreo Horner

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material. The duodenum wall measured 0.24 cm width. The jejunum wall measured 0.23 cm width. The ileocolic wall measured 0.31 cm width.

SPECIES

Feline

Intact thickened descending colon wall, non-distended in size containing non-formed fecal matter was present. The descending colon wall measured 0.62 cm in width. The proximal and transverse colon exhibited intact normal visible wall non-distended in size containing formed shadowing fecal matter.

BREED

DMH

Pancreas

The area of the pancreas was sonographically normal.

SEX

MN

Free Abdomen

No omental masses or peritoneal effusion was present.

AGE

2yr

Intermittent enlarged peri colic mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly margined. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was present. An example of lymph node size was 1.5 cm in diameter.

ULTRASONOGRAPHIC FINDINGS

Primary

- Intact thickened descending colon wall with non-formed fecal matter
- Non-obstructive hypomotile stomach
- Sonographically normal empty small intestine
- Normal area of pancreas
- Pericolic mildly swollen mesenteric lymphadenopathy
- Non-specific bilateral medullary rim sign
- Mild urine sediment

WEIGHT

6.4lb

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Colitis is suspected with dietary indiscretion, infectious disease, enterotoxin, acute inflammatory bowel, occult parasitism, all potentials with occult colonic neoplasia or FIP thought less likely yet not definitively excluded. No evidence of mechanical gastrointestinal obstruction or gastroenterocolic foreign body. Correlation of the azotemia with full urinary workup including urine C/S or UPC level if non-inflammatory proteinuria is recommended.

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Pet Care Clinic of the
 High Country

Hospitalization with gastrointestinal and renal support with clinical monitoring for further prognosis is recommended. Recheck sonogram is indicated if progressive gastrointestinal signs or azotemia. Recheck retroviral testing is suggested given unvaccinated status.

REFERRING VET

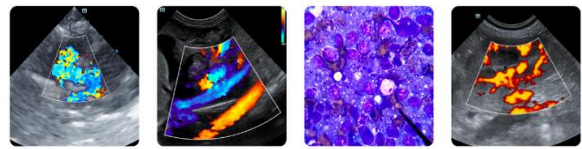
Dr Russell

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DATE

12/31/2025



PATIENT

Oreo Horner

SPECIES

Feline

BREED

DMH

SEX

MN

AGE

2yr

WEIGHT

6.4lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Pet Care Clinic of the
 High Country

REFERRING VET

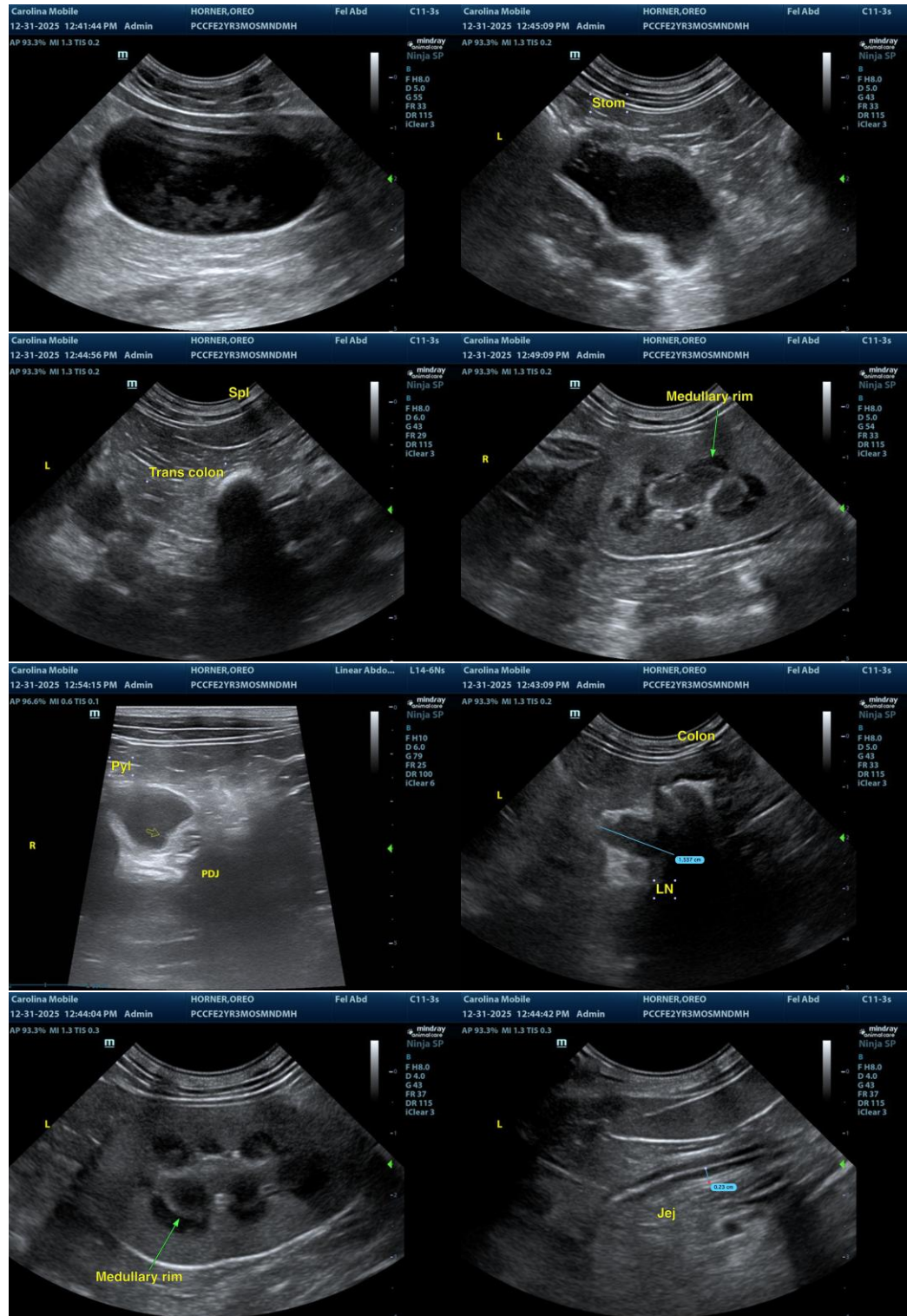
Dr Russell

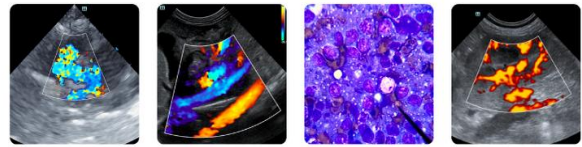
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PATIENT

Oreo Horner

SPECIES

Feline

BREED

DMH

SEX

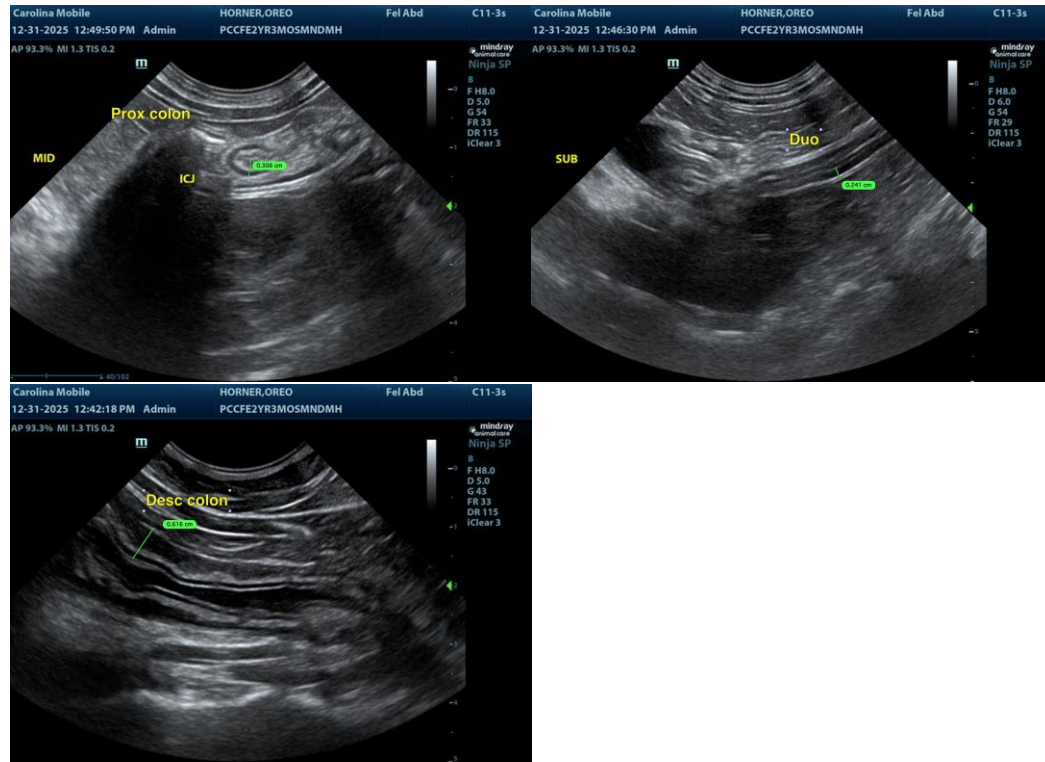
MN

AGE

2yr

WEIGHT

6.4lb



INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Kathleen Byrnes

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

HOSPITAL NAME

Pet Care Clinic of the
 High Country

REFERRING VET

Dr Russell

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