



PATIENT	PRESENTING CLINICAL SIGNS
Tease Harach Vatne	Presented Dec 1 for vomiting and anorexia. Tx as outpatient GI supportive care. Returned Dec 3 with continued anorexia and lethargy. Nasogastric tube and in-dwelling ucath in place at time of scan. Patient had urethral obstruction overnight while in hospital. Patient currently managed with IVF, cerenia, GI protestants and analgesia. Continues to be anorexic.
SPECIES	
Feline	Abnormal PE/Chem/CBC/UA Results: Dehydrated. Abdominal rads and brief ultrasound showed fluid distended stomach.
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Ragdoll Mix	Urinary System
SEX	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 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. An indwelling urinary catheter was present.
MN	
AGE	Normal size and 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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint areas of medullary mineral were present. The left kidney measured 4.1 cm in length. The right kidney measured 4.0 cm in length
14yr	
WEIGHT	The area of the aortic trifurcation was free of pathology.
4.41kg	Adrenal Glands
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.49 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.50 cm width.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	The spleen exhibited mild asymmetrical enlargement with mild splenic folding. Subtle heterogeneous parenchyma was present. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. No masses or nodules were noted. The spleen measured 1.1 cm in width at the level of the hilus.
Dr. Barthelemy	Liver
HOSPITAL NAME	The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.
Alpine 24 Hour Pet Hospital	Gastrointestinal
REFERRING VET	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 measured 0.25 cm in width.
Dr. Nielsen	
INVOICE	
12356ag	
DATE	
12/04/2022	



PATIENT	The small intestine presented intact variably prominent wall layering with segmental mild thickened jejunum in the subjective mid abdomen exhibiting mild mural hypertrophy, decreased echogenicity and loss of discernable jejunal wall layering. Concurrent segmental metabolic to potential paralytic ileus and luminal gas was present. The possibility of focal non-obstructive hairball density or similar within the thickened jejunum cannot be definitely excluded.
Tease Harach Vatne	
SPECIES	
Feline	Normal visible colon wall layers were present with apparent formed feces in lumen.
BREED	
Ragdoll Mix	Pancreas The pancreas presented hypoechoic to heterogeneous echogenicity compared to adjacent omental fat. Mild asymmetrical capsule margination was present with mild variable parenchymal swelling and mild peripancreatic reactivity / inflammation. No overt evidence of neoplasia.
SEX	
MN	Free Abdomen Focally enlarged mid abdominal mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. An example of lymph node size was 1.8 cm x 0.5 cm.
AGE	
14yr	An intermittent small pocket of scant free fluid was present.
WEIGHT	
4.41kg	
INTERPRETED BY	
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<ul style="list-style-type: none"> • Enteropathy with segmental mildly thickened jejunum and associated segmental jejunal metabolic/paralytic ileus, potential for non-obstructive jejunal hairball or similar cannot be excluded-inflammatory vs neoplastic infiltrative enteropathy possible • Intermittent hypoechoic mesenteric lymph nodes-associated mesenteric lymphadenitis or early neoplastic lymphadenopathy possible • Mild pancreatitis pattern • Mild asymmetric splenomegaly-hyperplasia, hematopoiesis, splenitis or similar suspected, potential for emerging neoplastic criteria thought less likely yet cannot be definitively excluded • Intermittent scant pocket of peritoneal free fluid
IMAGING PERFORMED BY	
Dr. Barthelemy	Secondary findings <ul style="list-style-type: none"> • Bilateral chronic renal changes • Sonographically normal urinary bladder with indwelling catheter
HOSPITAL NAME	
Alpine 24 Hour Pet Hospital	
REFERRING VET	
Dr. Nielsen	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS Assuming normal clotting status and using a 25g needle, a splenic and accessible lymph node FNA for screening cytology is warranted for further assessment. A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. Pending FNA cytology if elected, full thickness intestinal biopsies are likely required for definitive diagnosis. Empirically IBD/pancreatitis therapy protocol with as needed GI support and potential recheck sonogram to assess for progressive intestinal mural changes or lymphadenopathy would be reasonable.
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PATIENT

Tease Harach Vatne

SPECIES

Feline

BREED

Ragdoll Mix

SEX

MN

AGE

14yr

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INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Barthelemy

HOSPITAL NAME

Alpine 24 Hour Pet
Hospital

REFERRING VET

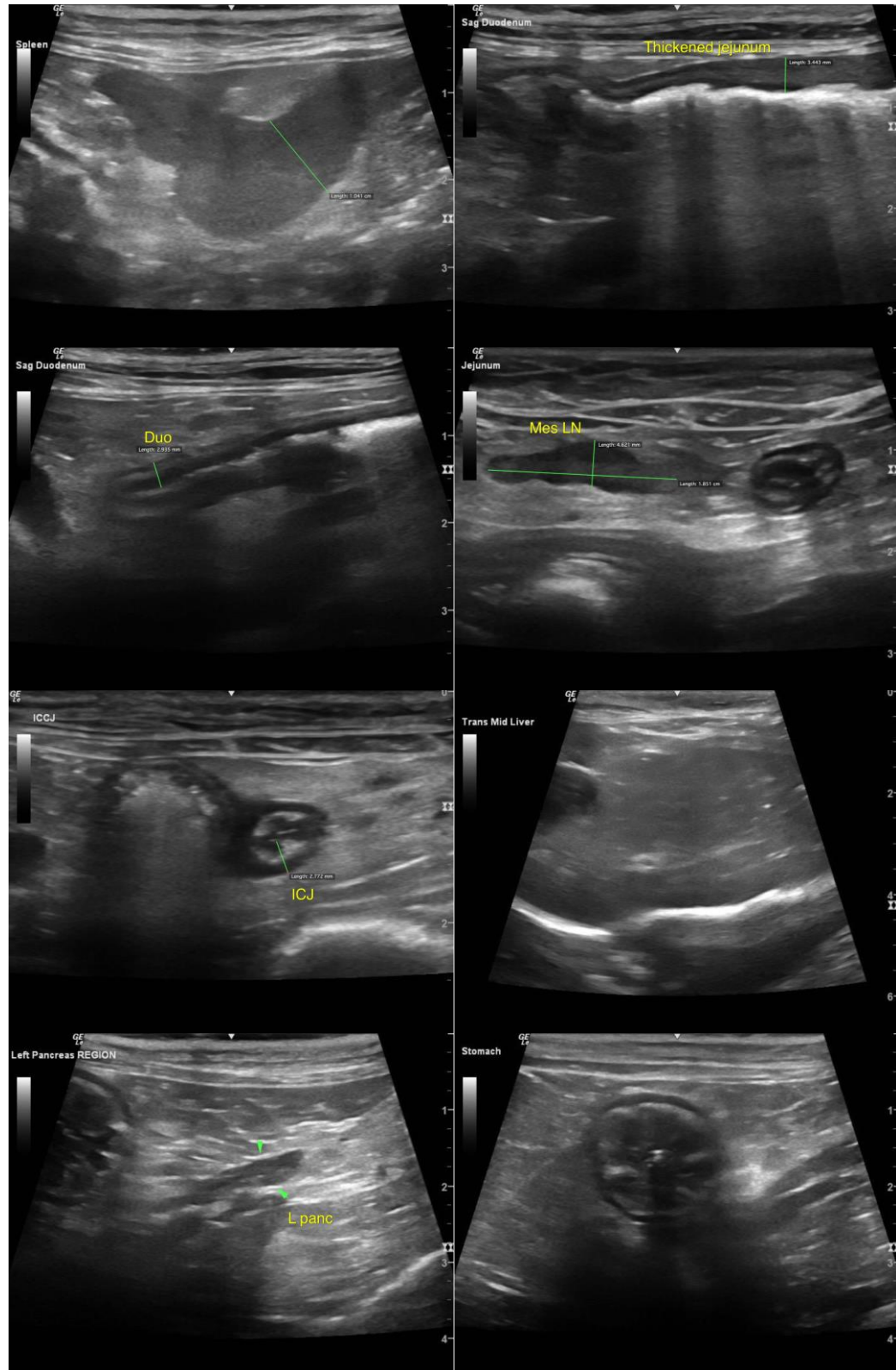
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SPECIES

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Ragdoll Mix

SEX

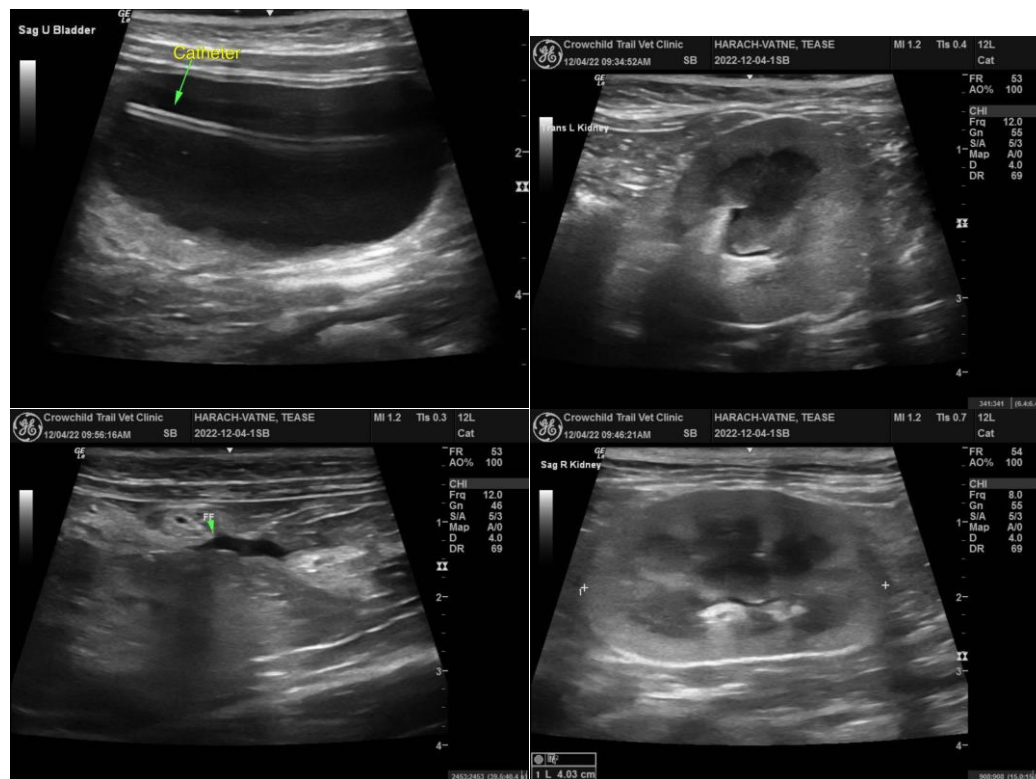
MN

AGE

14yr

WEIGHT

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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)
mac.daniel@sonopath.com