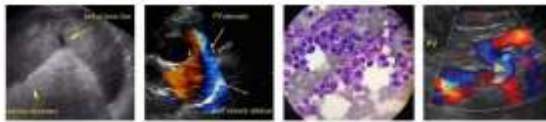




PATIENT	PRESENTING CLINICAL SIGNS
Pandora Frederick	-Presenting for a 1 month history of watery diarrhea. O did not submit a fecal sample for exam. O gave a dose of strongid - No improvement. Notable weight loss recently. Poor appetite 1 month ago but improving. Bred 1 month ago. Underweight
SPECIES	Abnormal PE/Chem/CBC/UA Results: Abnormal round structures near kidneys appreciated on ultrasound please see attached BW
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
G. Shep	<i>Urinary System</i>
SEX	The urinary bladder, trigone, and cystourethral junction 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.
FI	
AGE	The visualized uterus was sonographically unremarkable. No evidence of viable fetuses at this time. No overt pathology was noted in the area of the left or right ovary.
8 years	
WEIGHT	Normal size and margination were 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. The left kidney measured 9.3 cm in length. The right kidney measured 9.6 cm in length.
30 kg	
INTERPRETED BY	<i>Adrenal Glands</i>
R. McKenzie Daniel, DVM, DABVP	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.2 cm length x 0.70 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.5 cm length x 0.80 cm width at the caudal pole.
IMAGING PERFORMED BY	<i>Spleen</i>
Kelly Reschny	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	<i>Liver/ Gallbladder</i>
Graham AH	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 mild gallbladder debris. The cystic and common bile ducts were normal.
REFERRING VET	
Dr. Sutton	
INVOICE	
13271	
DATE	
2/8/22	



PATIENT	<i>Gastrointestinal</i>
Pandora Frederick	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.
SPECIES	The small intestine presented intact wall layering and subjective maintained 1:3 muscularis/mucosa ratio with segmental areas of intestinal mucosal speckling along with subtle increased mucosa echogenicity. The jejunum wall width measured 0.3 cm.
Canine	
BREED	The colon exhibited intact yet subjective mild prominent wall layering. The colon exhibited generalized distention with primarily nonformed to focal strongly shadowing fecal matter.
G. Shep	
SEX	<i>Pancreas</i>
FI	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.
AGE	<i>Free Abdomen</i>
8 years	Intermittent, variably enlarged, mesenteric lymph nodes present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example lymph node measured 1.1 cm in diameter. No free fluid was noted.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
30 kg	
INTERPRETED BY	<i>Primary Findings</i>
R. McKenzie Daniel, DVM, DABVP	<ul style="list-style-type: none"> • Enterocolitis pattern exhibiting moderate colon distention containing primarily nonformed to focal strongly shadowing feces • Associated intermittent mesenteric lymphadenopathy - subjective benign, lymphoid hyperplasia or mild reactive lymphadenitis suspected • Sonographically unremarkable uterus - no overt pregnancy at this time
IMAGING PERFORMED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Kelly Reschny	
HOSPITAL NAME	Considerations for this case may include dietary intolerance / indiscretion, dysbiosis, given the patient's breed, inflammatory bowel disease, infectious enterocolitis, or other enterocolonopathy. Fresh fecal analysis to assess for parasitic ova / Giardia, as well as a GI panel to include PLI/TLI/Cobalamin/Folate are recommended.
Graham AH	
REFERRING VET	Empirically, a limited antigen or hydrolyzed diet trial with potential long term dietary therapy, prophylactic deworming (Panacur 50 mg/kg SID x 5 consecutive days with repeat protocol in 3 weeks even if fecal testing is negative), high colony count probiotic (Proviale or Visbiome), antibiotic trial (Tylosin at the appropriate dose, given the potential for SIBO/dysbiosis) and as needed gastrointestinal support with an assessment of clinical response may prove beneficial. Intestinal biopsies may be indicated if GI signs continue despite empirical therapy. Recheck sonogram for a reassessment of the small intestine and colon, as well as a reassessment of the uterus would be ideal in 10-14 days.
Dr. Sutton	
INVOICE	
13271	
DATE	
2/8/22	



PATIENT

Pandora Frederick

SPECIES

Canine

BREED

G. Shep

SEX

FI

AGE

8 years

WEIGHT

30 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Graham AH

REFERRING VET

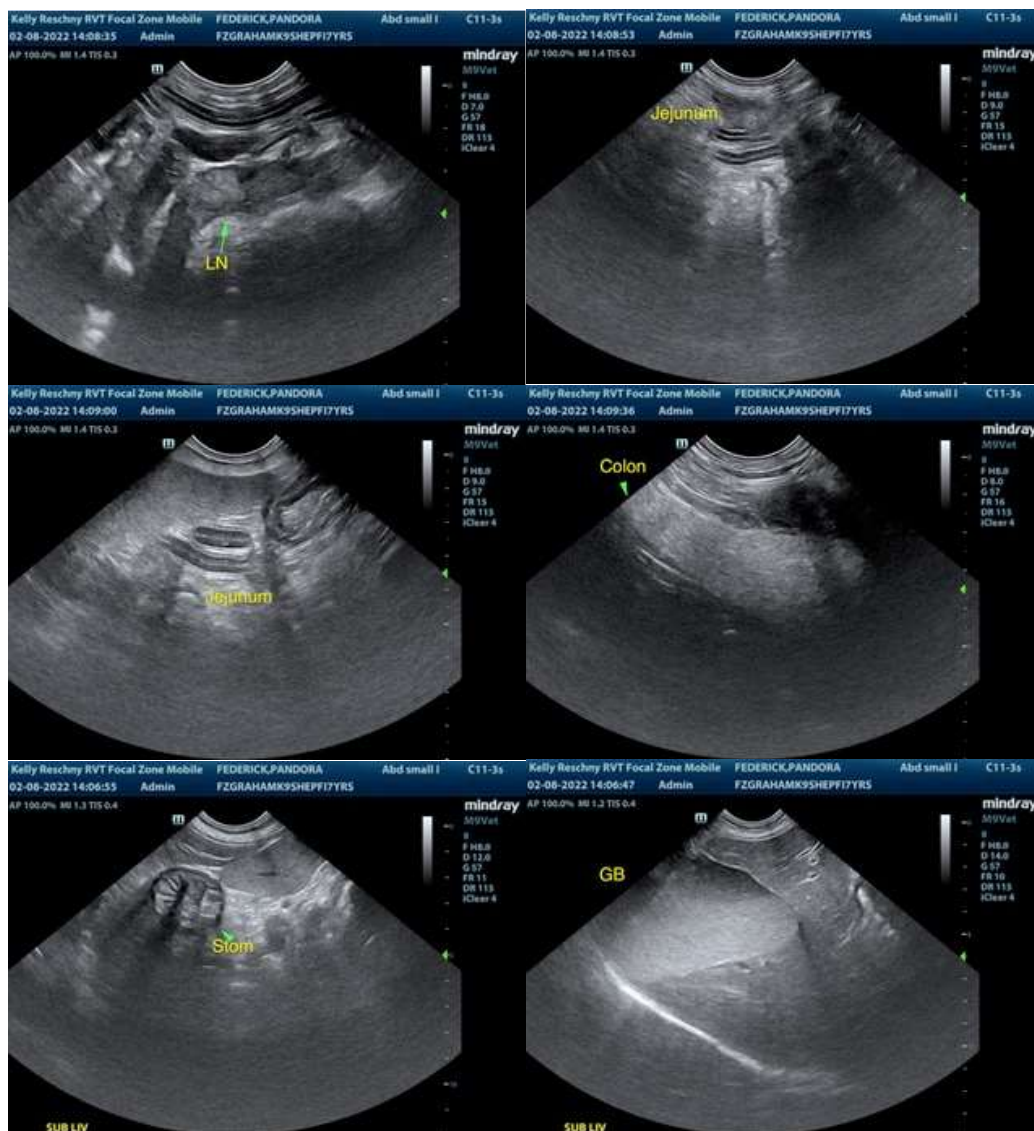
Dr. Sutton

INVOICE

13271

DATE

2/8/22





PATIENT

Pandora Frederick

SPECIES

Canine

BREED

G. Shep

SEX

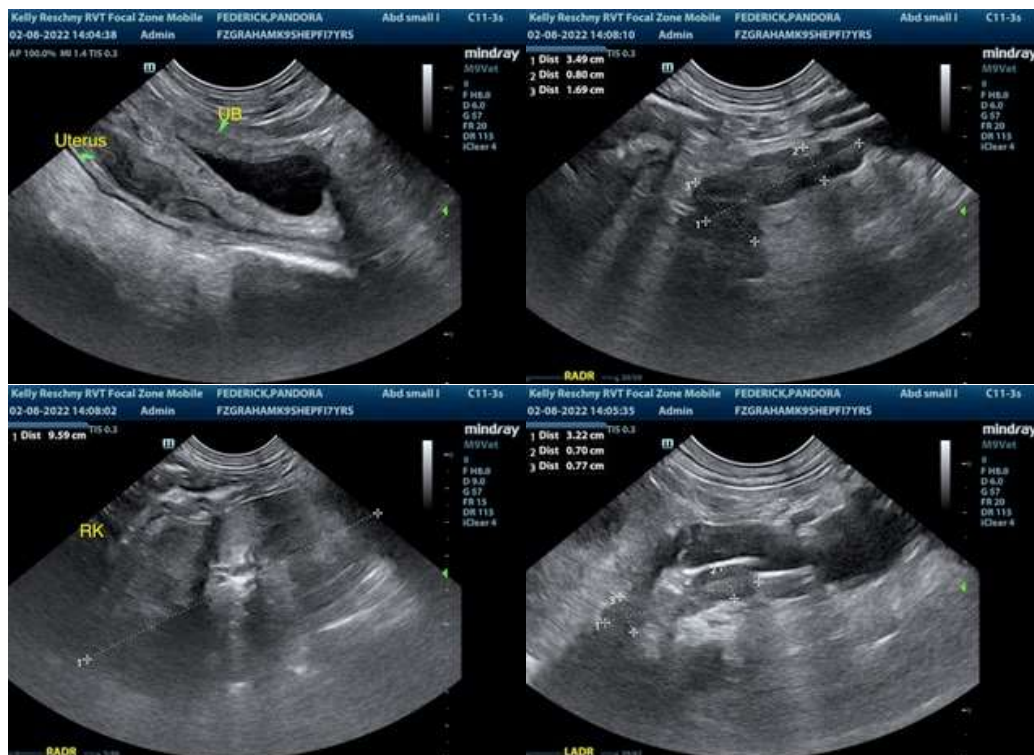
FI

AGE

8 years

WEIGHT

30 kg



INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Graham AH

REFERRING VET

Dr. Sutton

INVOICE

13271

DATE

2/8/22

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