

PATIENT

Garrett George

SPECIES

Ferret

BREED

SEX

Neutered male

AGE

2 years

WEIGHT

1.63 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Rupley

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Rupley

INVOICE

46534

DATE

8/9/23

PRESENTING CLINICAL SIGNS

History: PRESENTED FOR: Acute onset of lethary and vomited this morning. Owner reports Garrett was normal last night. No further vomiting after presentation. VITALS: 1.63kg Temperature: 100.7 degrees F (normal is 100.0-104.0) Heart Rate: 300 bpm (normal is 200-400) Respiratory Rate: 72 bpm (normal is 33-36) Mucous Membrane Color: pink Capillary Refill Time: <2 sec CURRENT MEDICATIONS: adv. II for ferrets EXAM FINDINGS: Weak and lethargic. Tacky mucous membranes. Passed profuse watery diarrhea with some blood and abundant mucous on exam and sample collection. Feces contains fine colored fibers. Increased respiratory rate with normal lung sounds ausculted. Pinpoint area of erythema on right side of muzzle. Owner reports she noted it this morning, and that Garrett plays hard with the other ferret in the cage. Body score 7/9. Dental disease. Long nails. LAB RESULTS: Fecals: NPS. Chemistry: Elevated glucose at 265, elevated creatinine at 1.0, low albumin at 3.2 and low globulins at 1.8. CBC: Elevated PCV at 65.1%, with other results pending. ASSESSMENT AND PLAN: Began IV fluid, Convenia, Cerenia, metronidazole, AmoxiClav, famotidine, and sucralfate.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 2.5 cm. The right kidney measured 2.74 cm.

Adrenal Glands

The left **adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.38 cm. The right adrenal gland was not visualized.

Spleen

The **spleen** was largely uniform with a focal swelling in the mid body. Focal, irregular swelling was noted and measured up to 1.1 cm. The remainder of the spleen was normal. This is likely a normal variant. However, FNA would be ideal. The irregular contour to the spleen is likely a normal variant.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. The hepatic veins were not dilated. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common



PATIENT

Garrett George

bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

SPECIES

Ferret

Gastrointestinal

The **stomach** was over distended with chyme. The small intestines and colon were unremarkable.

BREED

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SEX

Neutered male

Free Abdomen

A large amount of abdominal fat was noted in this patient.

AGE

2 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

1.63 kg

Over distended stomach.

Mildly irregular spleen.

Otherwise, unremarkable abdomen.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assessment for bloating is warranted as the cause for the respiratory signs. There was no evidence of visceral pathology playing a role unless overeating syndrome/bloating is an issue. Full echocardiogram and chest radiographs are warranted. FNA of the spleen is ideal, yet likely reactive/normal variant.

IMAGING PERFORMED BY

Dr. Rupley

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

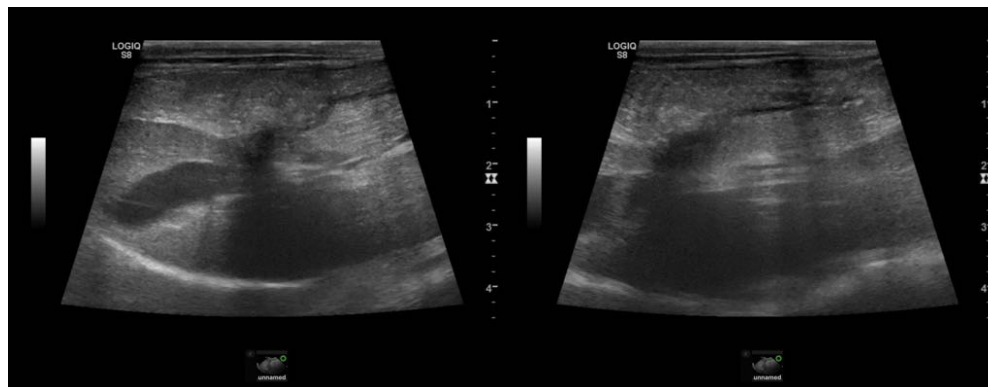
Dr. Rupley

INVOICE

46534

DATE

8/9/23





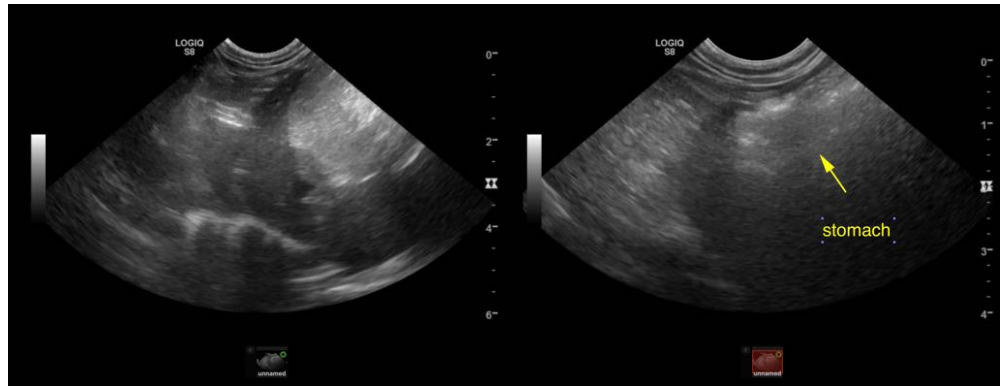
PATIENT

Garrett George

SPECIES

Ferret

BREED



SEX

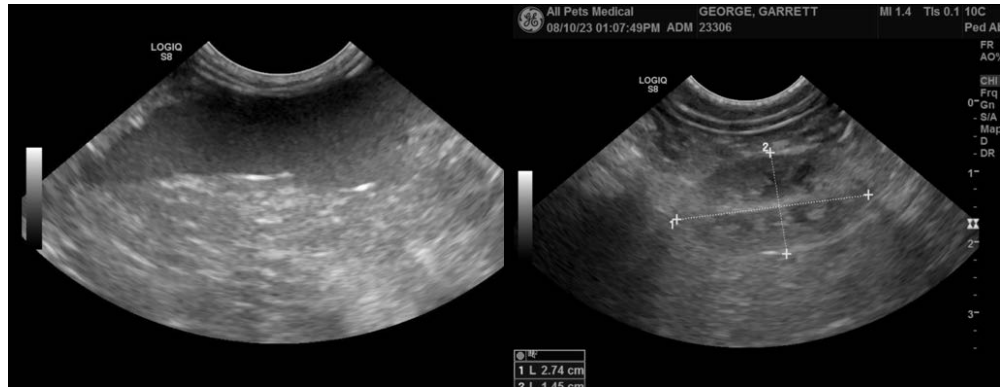
Neutered male

AGE

2 years

WEIGHT

1.63 kg

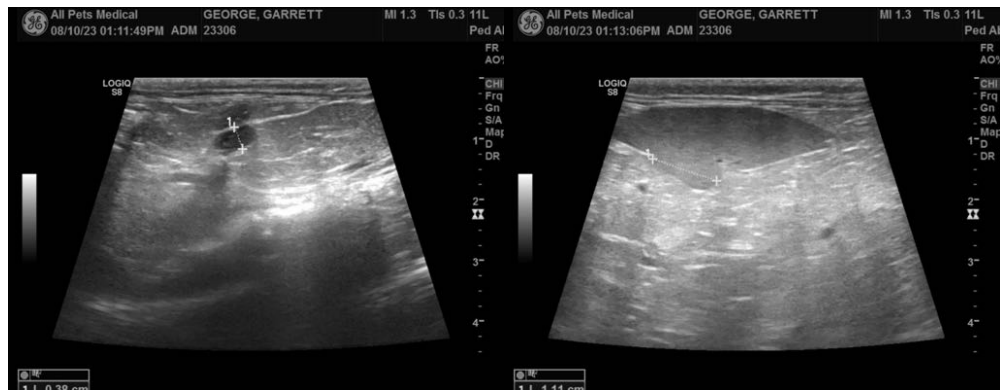


INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Rupley



HOSPITAL NAME

All Pets Medical Center

REFERRING VET

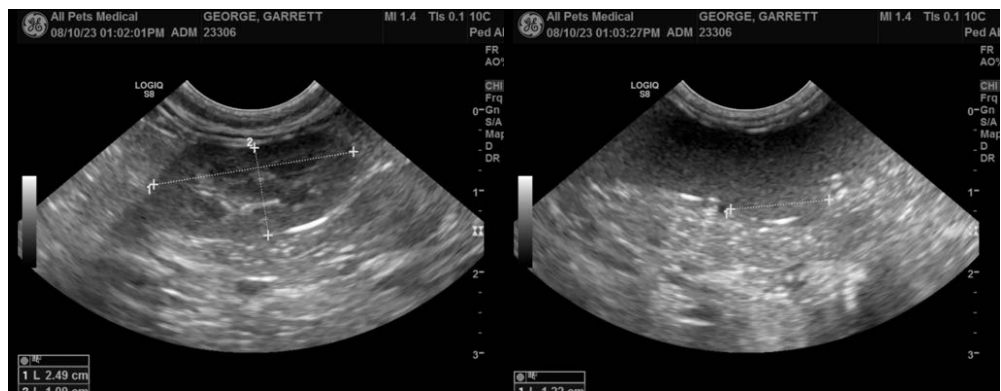
Dr. Rupley

INVOICE

46534

DATE

8/9/23





PATIENT

Garrett George

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.

SPECIES

Ferret

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.

BREED

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Neutered male

AGE

2 years

WEIGHT

1.63 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Rupley

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Rupley

INVOICE

46534

DATE

8/9/23