



PATIENT

Peppy Collins

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

8 years

WEIGHT

11.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Griffin

INVOICE

32354

DATE

8/16/22

PRESENTING CLINICAL SIGNS

History: Presented for vomiting and diarrhea 8/2, that resolved with symptomatic management but ALT remains increased

Abnormal PE/Chem/CBC/UA Results: 8/2/22 CBC: WNL CHEM: ALT 472 SDMA/T4: wnl 8/11/22
CHEM: ALT 523

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The kidneys both measured 4.2 cm.

Adrenal Glands

Both **adrenal glands** were 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 right adrenal gland measured 0.6 cm. The left adrenal gland measured 0.4 cm.

Spleen

The **spleen** revealed subtle, micronodular changes without structural disruption. The spleen was normal in size and contour.

Liver

The **liver** revealed coarse architecture with increased portal markings. The liver was slightly subnormal in size. The gallbladder presented acceptably thin walls with primarily anechoic content. Gallbladder polyp and sludge were noted at the apex.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



PATIENT

Peppy Collins

Pancreas

SPECIES

Canine

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED

Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered male

Hepatic remodeling, minor non-pathological.

Gallbladder sludge and polyp.

Minor age related renal and hepatic changes.

AGE

8 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

History of dietary intolerance and inflammatory hepatopathy is likely. FNA of the liver as well as bile acid profile is indicated. The changes in the liver are mild to moderate.

WEIGHT

11.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

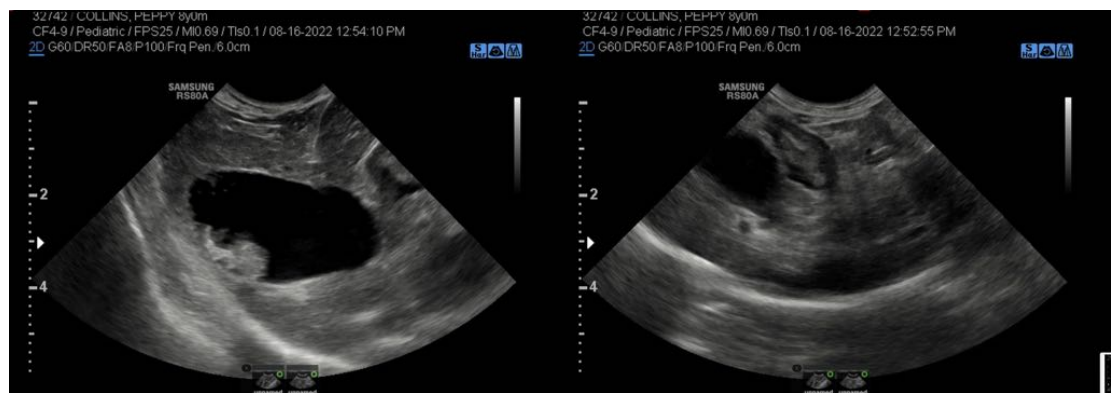
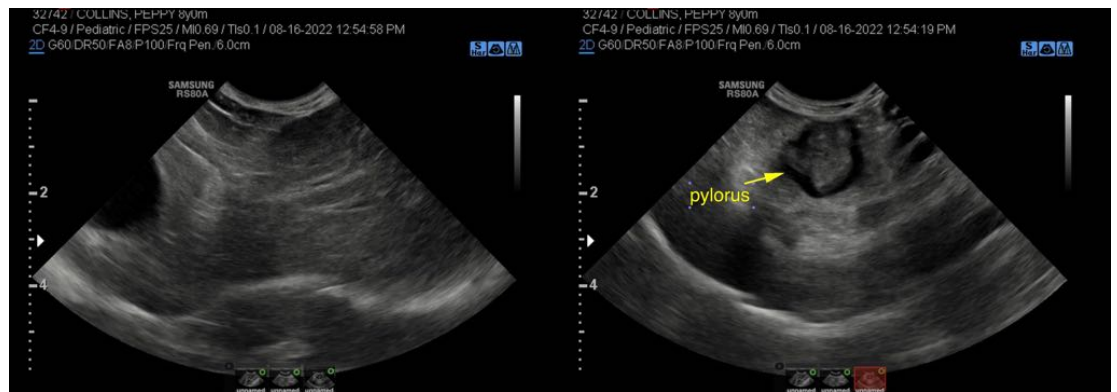
Dr. Griffin

INVOICE

32354

DATE

8/16/22





PATIENT

Peppy Collins

SPECIES

Canine

BREED

Mix

SEX

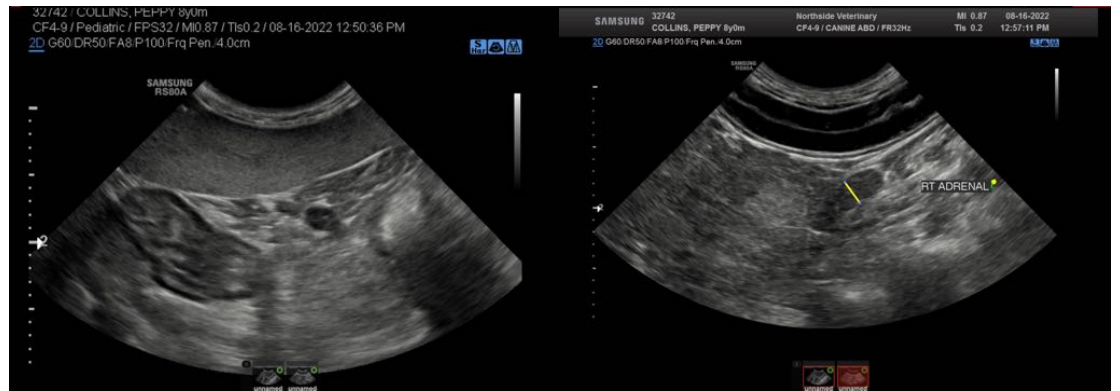
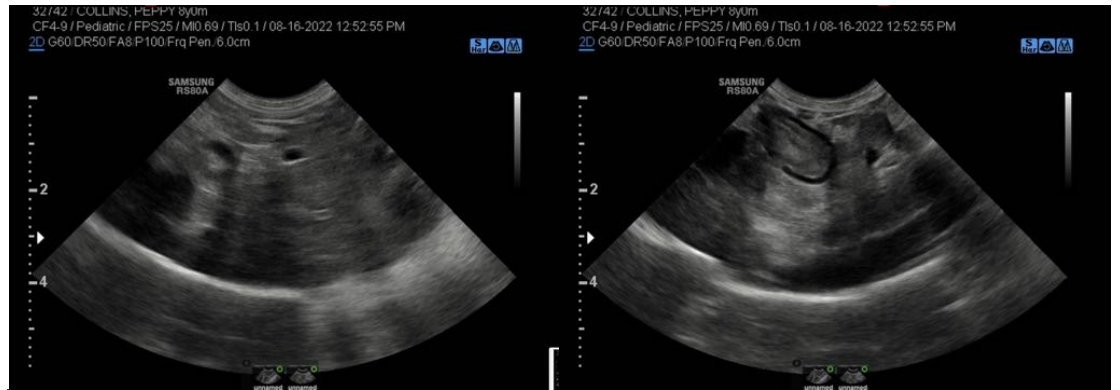
Neutered male

AGE

8 years

WEIGHT

11.8 lbs



INTERPRETED BY

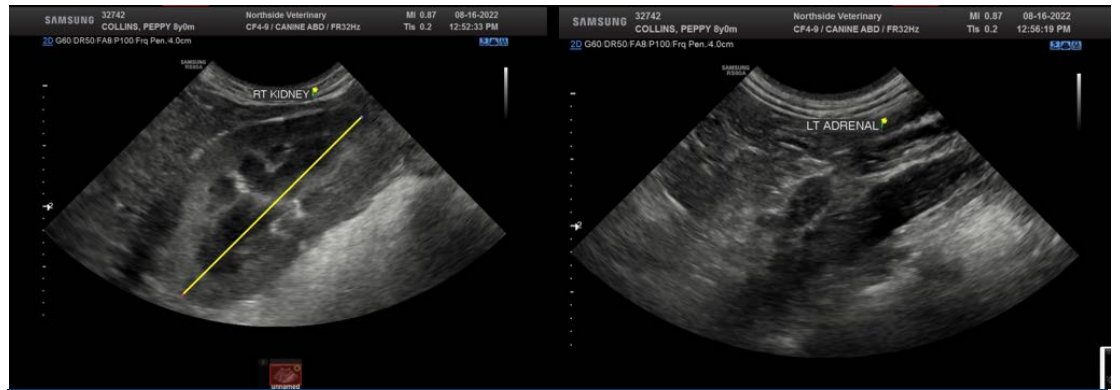
Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC



REFERRING VET

Dr. Griffin

INVOICE

32354

DATE

8/16/22





PATIENT

Peppy Collins

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

Canine

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

Mix

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

SEX

Neutered male

AGE

8 years

WEIGHT

11.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Griffin

INVOICE

32354

DATE

8/16/22