



PATIENT PRESENTING CLINICAL SIGNS

Nellie Steban

History: 2-3 days of lethargy & inappetence. No V/D/C/S. Hx of GI foreign body as a kitten (before this owner adopted cat). Lives with 3 other cats, all are 100% indoors. Current on FVRCP/RV. Abnormal PE/Chem/CBC/UA Results: Fever 104.1, mildly dehydrated. FeLV/FIV negative. Chem/CBC normal except for SDMA>90 (Creat 1.2, BUN 26, WBC 9.6). U/A obtained after ultrasound Sp. Gr. >1.050 pH 6.5 Prot 30, Bld 250, >50 RBC phf, WBC 2-5phf

SPECIES

Feline

BREED

Domestic Shorthair

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

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.

AGE

17 months

The **kidneys** in this patient revealed mildly thickened cortices and loss of corticomedullary definition. Slight, subcapsular halo was present. The right kidney measured 3.34 cm. The left kidney measured 3.42 cm.

WEIGHT

7.6 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 0.22 cm. The left adrenal gland measured 0.29 cm.

IMAGING PERFORMED BY

Dr. Bartus

Spleen

The **spleen** was at the upper limits of normal and measured 1.2 cm and was folded upon itself caudally. Subtle, micronodular splenic changes were noted.

HOSPITAL NAME

Valley VS

Liver

REFERRING VET

Dr. Bartus

The **liver** revealed slight irregular contour with minor, heterogenous parenchymal changes. The changes were fairly subtle. The liver also revealed increased portal markings. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

INVOICE

94382

Gastrointestinal

DATE

12/7/21

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as



PATIENT

Nellie Steban

lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility.

SPECIES

Feline

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.

BREED

Domestic Shorthair

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

Heterogenous renal, hepatic and splenic changes.

Minor intestinal thickening.

AGE

17 months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend screening FNA of the spleen, renal cortex and liver in this patient assessing for granulomatous lesions that would be consistent with dry form FIP. Other infectious agents such as Bartonella and Toxoplasmosis should be considered. The prognosis is guarded depending upon cytology results.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Bartus

HOSPITAL NAME

Valley VS

REFERRING VET

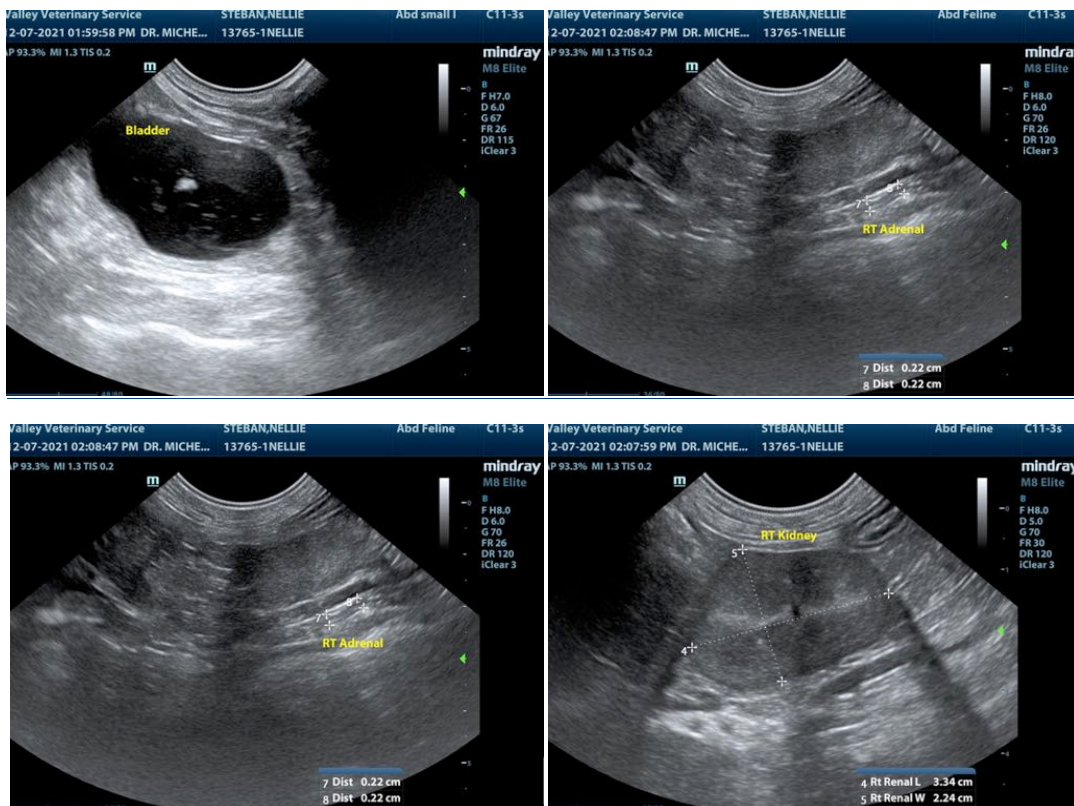
Dr. Bartus

INVOICE

94382

DATE

12/7/21





PATIENT

Nellie Steban

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

17 months

WEIGHT

7.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Bartus

HOSPITAL NAME

Valley VS

REFERRING VET

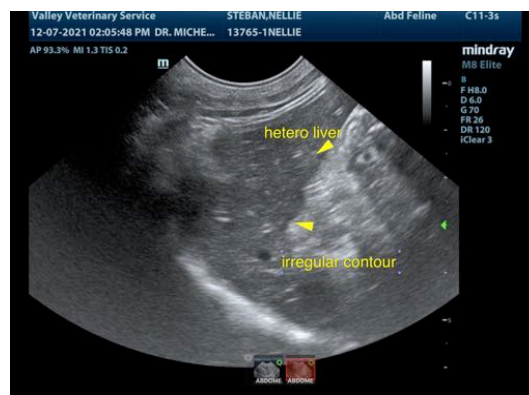
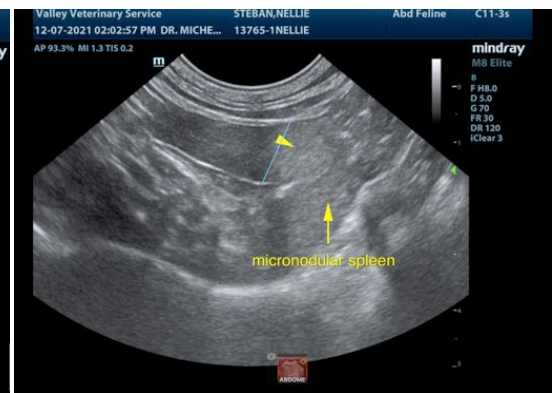
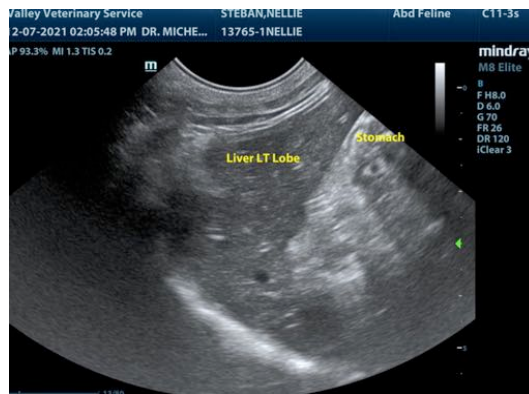
Dr. Bartus

INVOICE

94382

DATE

12/7/21





PATIENT

Nellie Steban

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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

Domestic Shorthair

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

SEX

Spayed Female

AGE

17 months

WEIGHT

7.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Bartus

HOSPITAL NAME

Valley VS

REFERRING VET

Dr. Bartus

INVOICE

94382

DATE

12/7/21