



PATIENT

Smokie Feagle

SPECIES

Feline

BREED

Russian Blue

SEX

Spayed female

AGE

9 years

WEIGHT

4.99 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Massa

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Dr. Massa

INVOICE

42444

DATE

11/11/22

PRESENTING CLINICAL SIGNS

History: P has not been eating, vomiting intermittently, lethargic and no bm's for 2-3 days . Indoor only On PE noted mildly thickened intestines vs BM on abdominal palpation, and dehydrated.
Abnormal PE/Chem/CBC/UA Results: EPOC - Sodium 141 range 148-163 Potassium 2.1 range 2.3-5.6 ICA 1.11 range 1.21-1.51 Glucose 386 FPL positive Lipemic Mildly increased globulins Cholesterol to high to read Radiology conclusion - hepatomegaly changes to the SI consistent with underlying enteropathy. Rule out IBD vs lymphoma vs enteritis. Constipation, mild amount of peritoneal effusion

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 kidneys measured 4.0 cm each.

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.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** was diffusely hyperechoic to the falciform fat and slightly coarse in architecture. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

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,



PATIENT

Smokie Feagle

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 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

BREED

Russian Blue

The **pancreas** was enlarged, irregular and hypoechoic with hyperechoic surrounding mesentery.

SEX

Spayed female

Free Abdomen

Reactive mesentery was noted associated with the intestine. There was no overt evidence of neoplasia.

AGE

9 years

ULTRASONOGRAPHIC FINDINGS

Pancreatitis pattern in the left limb.

Emerging hepatic lipidosis pattern.

WEIGHT

4.99 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the pancreas +/- liver would be appropriate. There was no overt neoplastic criteria present. Pain management, broad spectrum antibiotics and IV fluid support is all indicated.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Massa

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

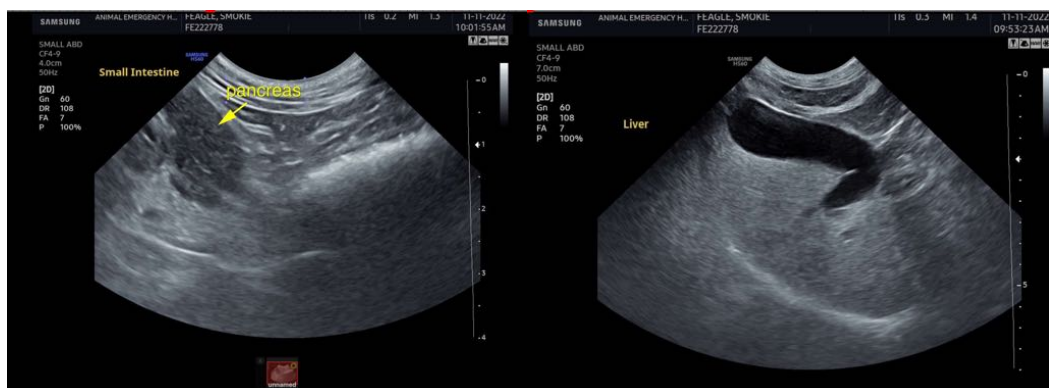
Dr. Massa

INVOICE

42444

DATE

11/11/22





PATIENT

Smokie Feagle

SPECIES

Feline

BREED

Russian Blue

SEX

Spayed female

AGE

9 years

WEIGHT

4.99 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Massa

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

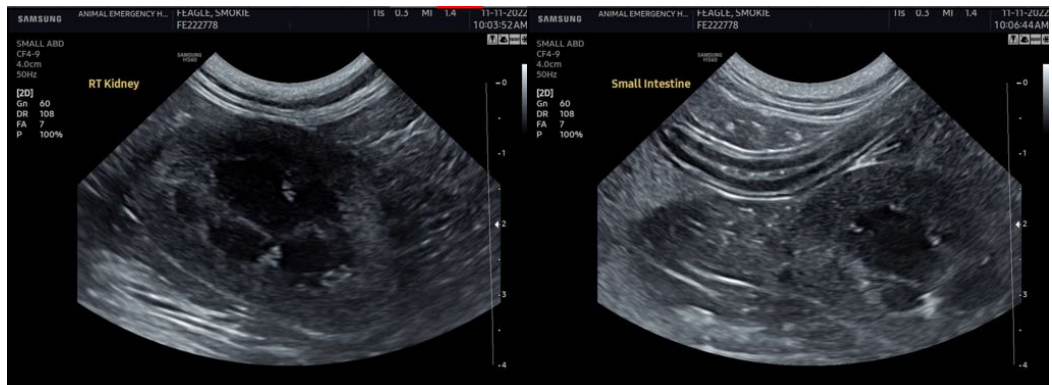
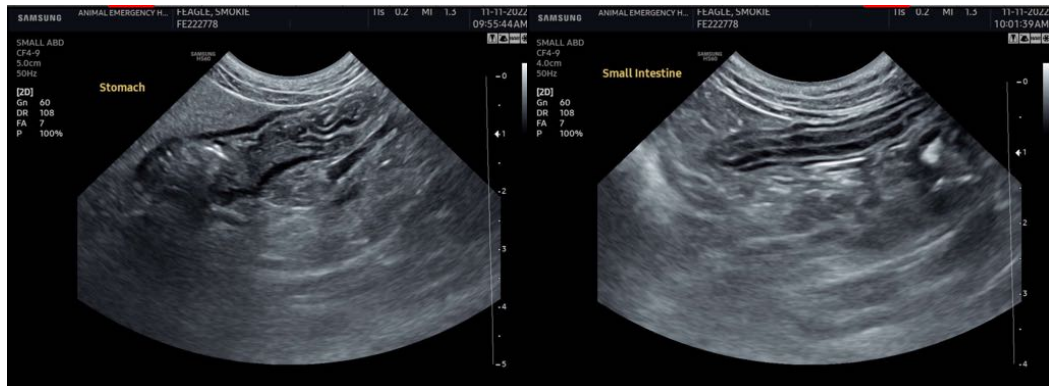
Dr. Massa

INVOICE

42444

DATE

11/11/22



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.

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