

**DATE**

11/01/2022

PRESENTING CLINICAL SIGNS

Diarrhea and mucus in stool, acute onset after diet change. Recent dx of constipation and thickened intestines.

PATIENT

Kingsley Williford

Current Medications: Cerenia 16mg ¼ SID.

Lab Results: See attached.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Requested/Approved.

Imaging Performed By: Stephanie Warga RDCS, RVT.

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

2012

WEIGHT

12.3lb

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 were 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 mild 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 left kidney measured 4.26 cm in length. The right kidney measured 4.55 cm in length.

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 0.48 cm.

Spleen

The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. A hyperechoic splenic nodule was noted. 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.

Liver

The liver was enlarged and mildly hypoechoic compared to falciform fat with irregular contour. Free fluid was observed around the liver. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.

Gastrointestinal

Examination of the gastrointestinal tract revealed a stomach free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Variable intestinal thickening was noted with areas of muscularis hypertrophy. An 8 cm x 4 cm infiltrative jejunal mass was noted. Reactive mesentery was observed with multifocal enlarged, hypoechoic and irregular lymph nodes.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME

Cat Hospital at Towson

REFERRING VET

Dr. Slaughter

INVOICE

12072ag

Pancreas

The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Some mild 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.

Free Abdomen

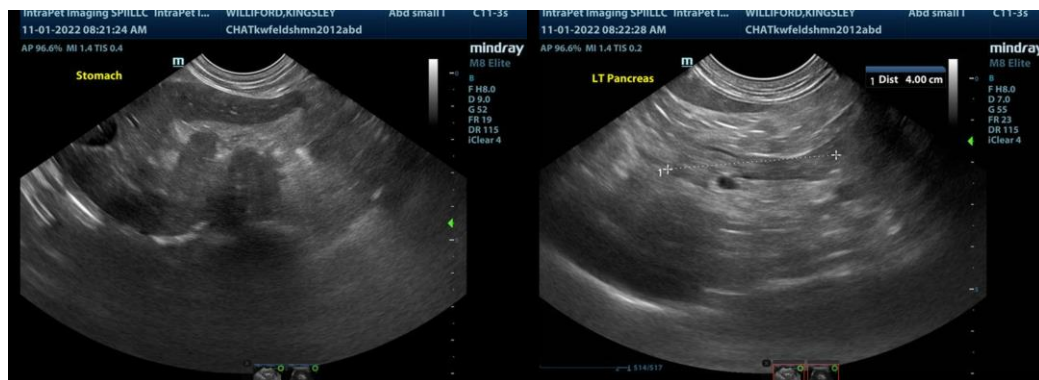
Peritoneal free fluid was noted. Reactive mesentery was observed around the intestinal mass with multifocal enlarged, hypoechoic and irregular lymph nodes. The lymph nodes measured up to 2.0 cm.

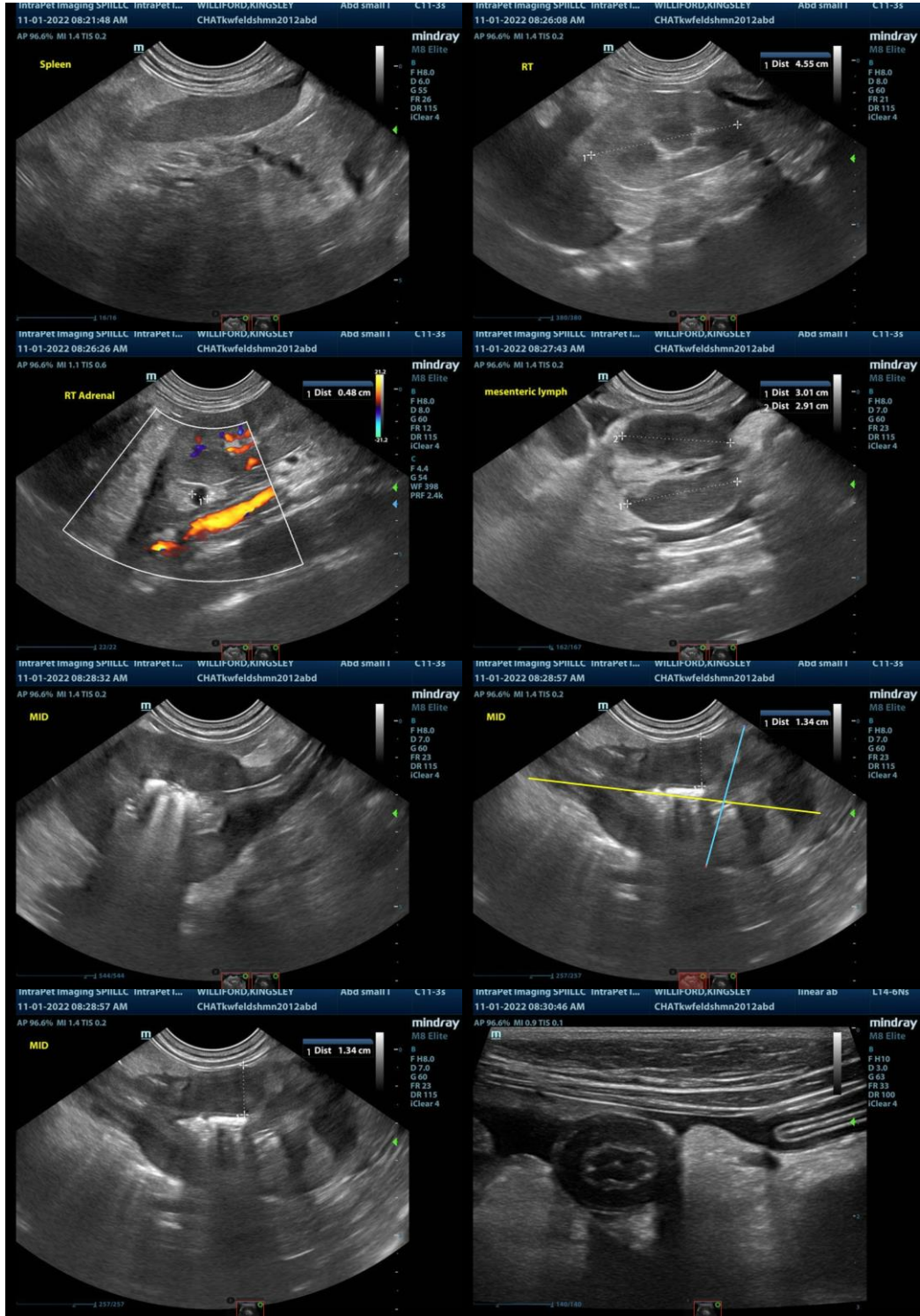
ULTRASONOGRAPHIC FINDINGS

- Infiltrative jejunal mass-early hepatosplenic involvement may be present
- Associated regional reactive mesentery and enlarged irregular lymph nodes
- Hepatic enlargement with irregular contour
- Peritoneal free fluid
- Hyperechoic splenic nodule
- Mild pancreatic remodeling
- Mild age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Intestinal mass with variable infiltrative pattern and focal lymphadenopathy was present. Reactive nodular omentum was noted. These findings are most consistent with a lymphomatosis type presentation with origin in the intestinal tract and lymph nodes. Potential early splenic and hepatic involvement is of concern. A FNA of the intestinal mass, accessible lymph node, spleen and liver are indicated for staging purposes. A poor long-term prognosis is indicated pending responsiveness to chemotherapy.







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.

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.

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