

**DATE**

5/20/22

PRESENTING CLINICAL SIGNS

On Monday P gave beef for dinner instead of P's usual chicken and rice or turkey and rice. P started vomiting and not eating. P went to rDVM Tuesday and was given sq fluids, cerenia, and pain meds. P still was not interested in eating and was lethargic. P has a history of pancreatitis and elevated liver enzymes. P had an ultrasound in October and it showed pancreatitis.

PATIENT

Nessie Liles

Current Medications: None listed.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brilhart, RDMS.

SPECIES

Canine

BREED

Chihuahua Mix

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.

SEX

Intact female

The uterus was thickened and fluid filled. The uterus measured 1.0 cm. . The right ovary was fairly uniform and measured 0.88 cm. The left ovary measured 1.18 x 1.06 cm.

AGE

5/7/11

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 this age patient. Medullary structure differed distinctly from that of the cortex. The left kidney measured 3.91 cm. The right kidney 4.1 cm with slight pyelectasia that measured 0.19 cm.

WEIGHT

12.4 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

The left adrenal gland was at the upper limits of normal and uniformly swollen measuring 1.81 x 0.88 cm at the caudal pole and 0.65 cm at the cranial pole. The right adrenal gland was also at the upper limits of normal and uniformly swollen measuring 1.44 x 0.72 cm at the caudal pole and 0.68 cm at the cranial pole.

HOSPITAL NAME

Animal Emergency
Hospital

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.

REFERRING VET

Dr. Roper

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder wall was slightly echogenic with gallbladder calculus.

INVOICE

30556

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.

Pancreas

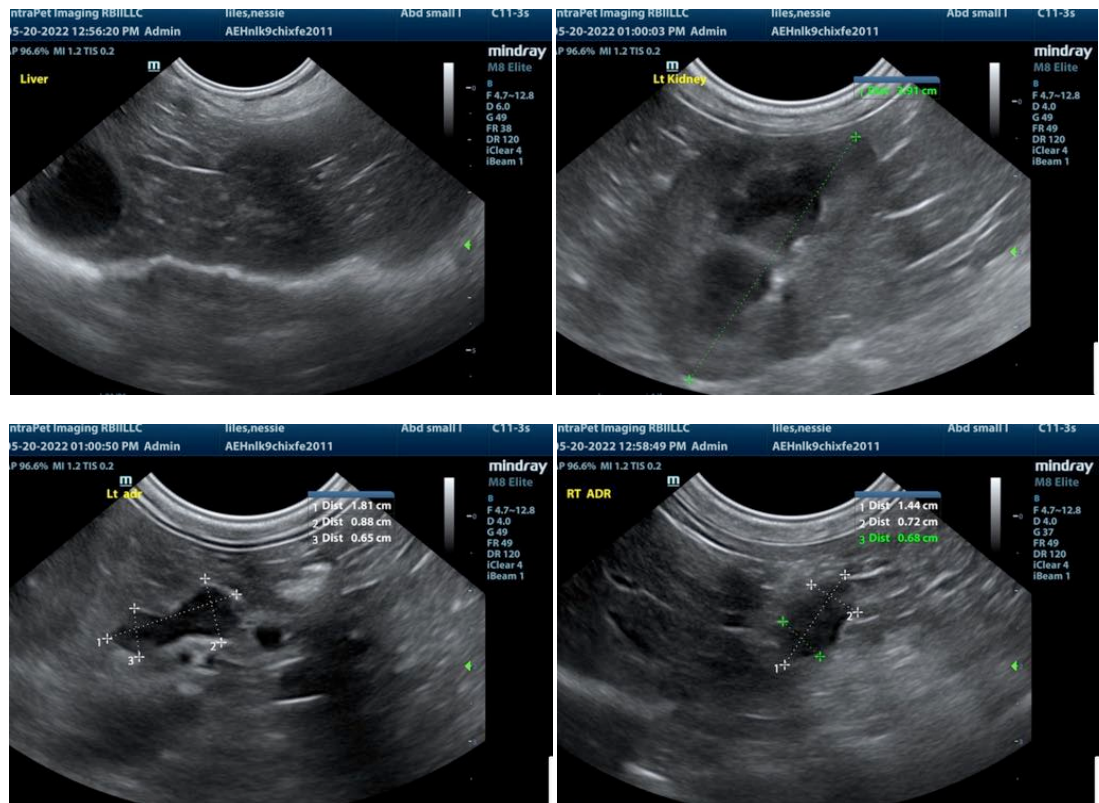
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain 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.

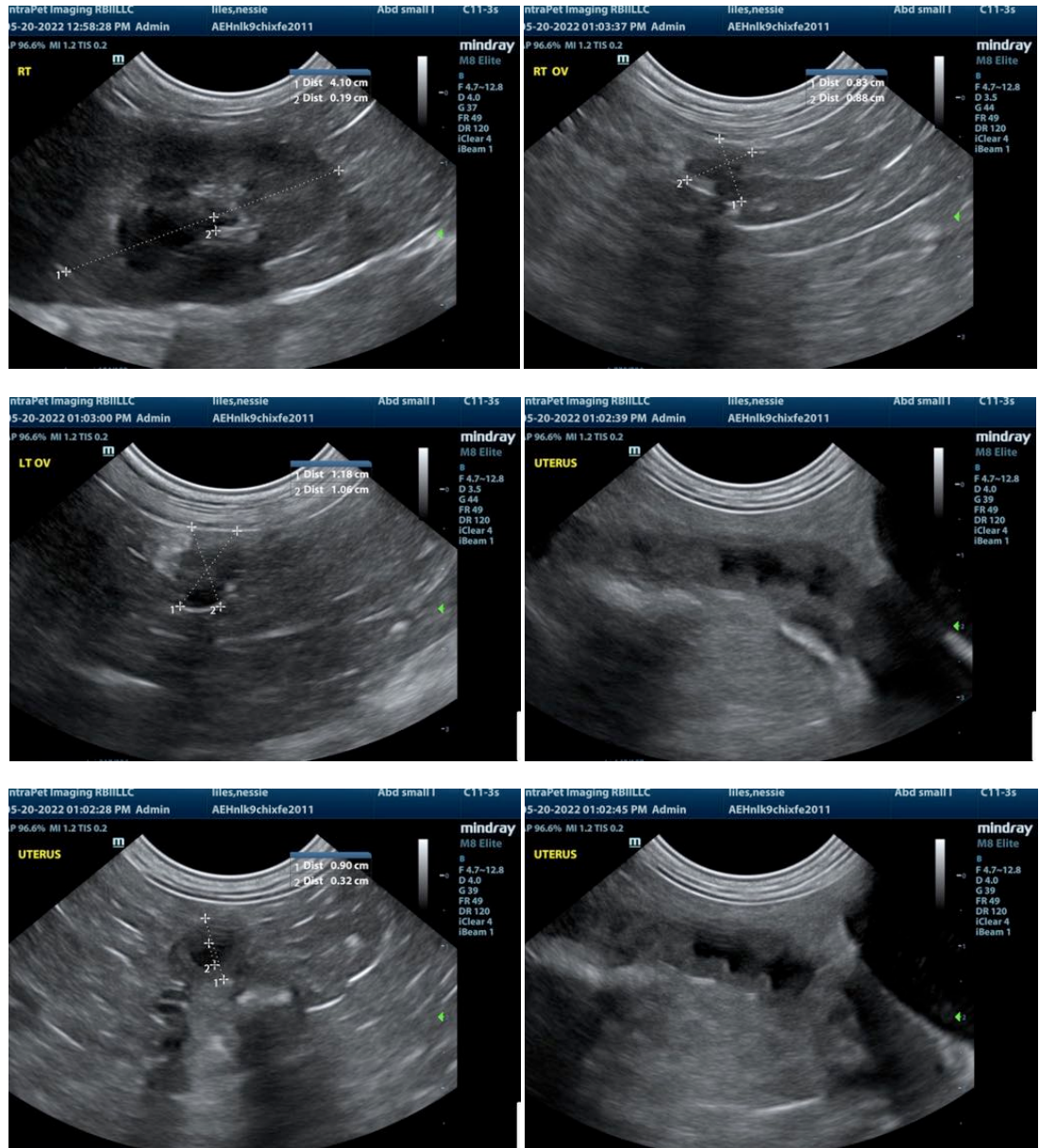
ULTRASONOGRAPHIC FINDINGS

Thickened, fluid filled uterus. Early pyometra is suspected.
Bilateral adrenal hypertrophy, potential emerging PDH.
Otherwise, geriatric abdomen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ovariohysterectomy is strongly recommended. Enhanced mesentery was noted around the serosal surface of the uterus. This is suggestive for inflammation.





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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