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DATE

3/31/23

PATIENT

Twyla Blake

SPECIES

Canine

BREED

Cavalier King Charles
Spaniel

SEX

Spayed Female

AGE

11/9/21

WEIGHT

12.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

HOSPITAL NAME

Parkville AH

REFERRING VET

Dr. Suter

INVOICE

46360

PRESENTING CLINICAL SIGNS

1/9/23 presented for vomiting 2-3x per week for a few weeks, then appetite decreased some. 3/24/23 Still diarrhea. did well with cerenia but started vomiting again and not interested in eating. 3/24/23 slightly tense; normal stool palpable in colon; intestines feel thickened.

Current Medications: 3/24/23 Metronidazole 250 mg 1/4 tab BID #7 tabs

Lab Results: 1/9/23- CBC/Chem 11/Lytes - Eos-2.51, TP-5.0, Glob-2.3; Snap CPL - Normal (R/O Food allergy; Recommend hypoallergenic diet trial). 3/24/23 CBC/Chem 11/Lytes - WBC-18.5, Neu-1.69, Suspected bands, Lymph-15.96, Suspected nRBC's, TP-5.1, Glob-2.2; CBC to lab to verify lymphocytosis.

Radiographs: 1/9/23- gas in the small intestines, no foreign body or signs of obstruction noted. 3/24/23 Abdominal radiographs - stomach appears empty, formed stool and gas in the intestines, difficult to evaluate on radiographs but small intestines appear thickened.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: sedation was declined.

Stat Report: Not requested.

Imaging Performed By: Andi Parkinson, BS, RDMS.

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 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 right kidney measures 3.64 cm. The left kidney measures 3.32 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 left adrenal gland measured 1.71 cm x 0.38 cm at the caudal pole and 0.31 cm at the cranial pole. The right adrenal gland measured 1.39 cm x 0.50 cm at the caudal pole and 0.52 cm at the cranial pole.

Spleen

The **spleen** was slightly heterogeneous with normal size and contour otherwise.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **stomach** revealed 2.0 cm shadowing material and stasis, possibly partially obstructive. Diffuse intestinal thickening noted with hypertrophied muscularis. No loss of mural detail. Some transit of chyme noted in the small intestine. Reactive mesenteric lymph nodes noted, measuring 3.3 cm x 0.56 cm.

Pancreas

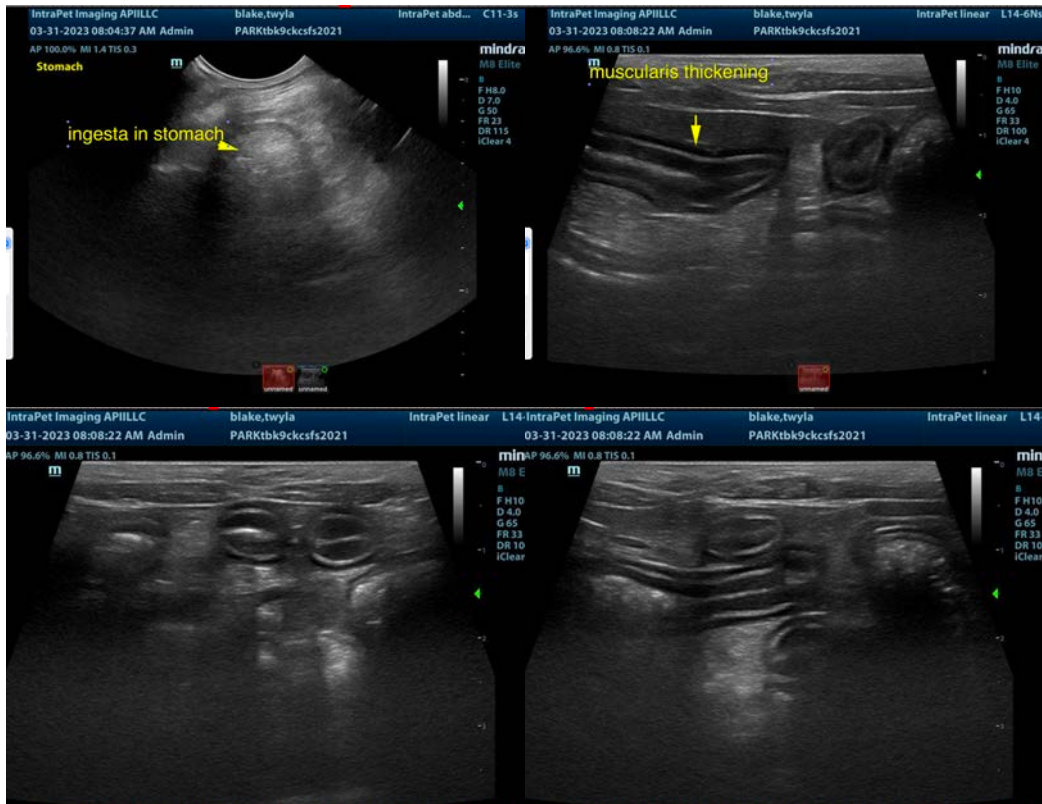
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

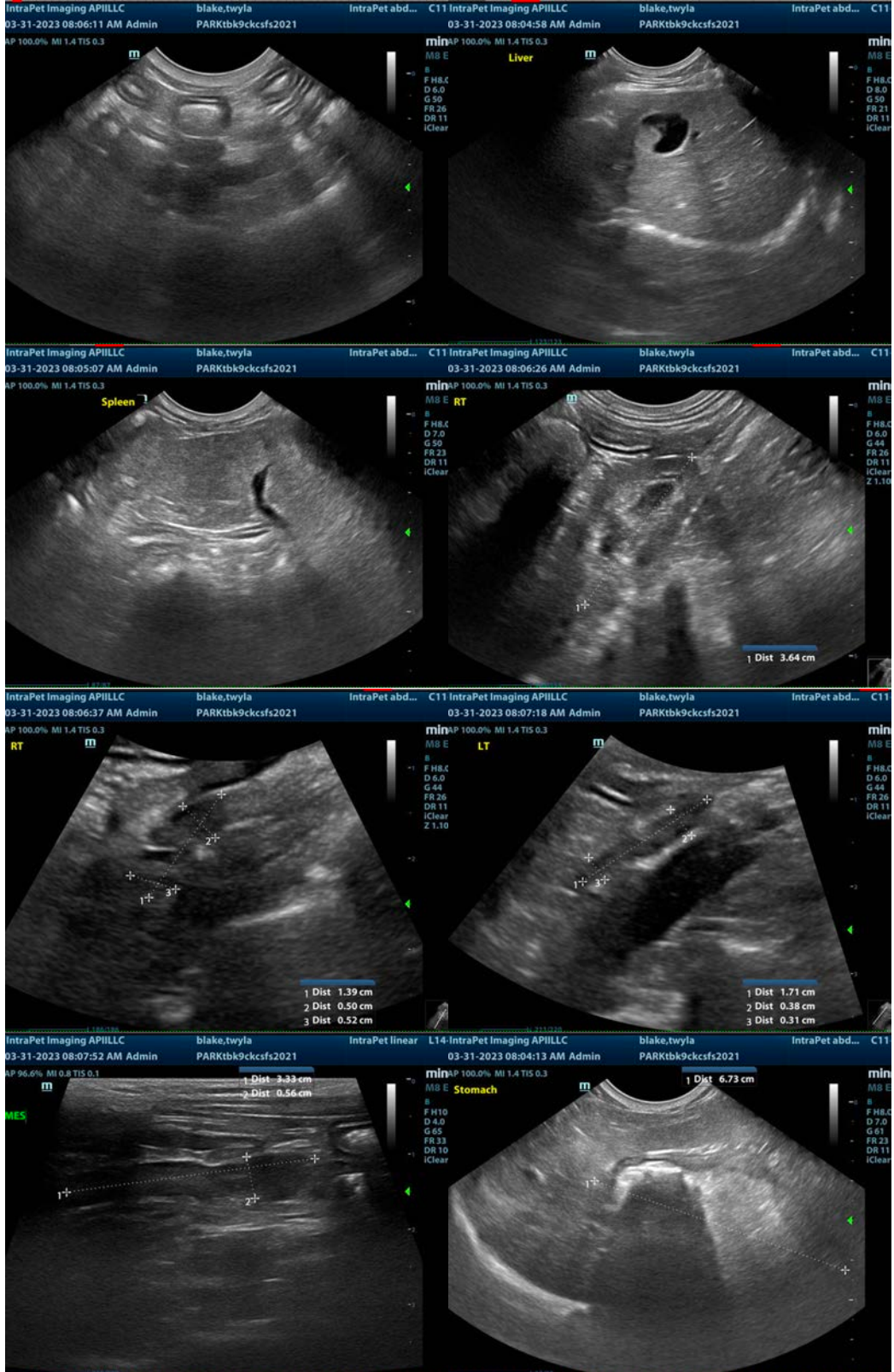
ULTRASONOGRAPHIC FINDINGS

- 2.0 cm pyloric shadowing material and diffuse intestinal thickening
- Slightly heterogeneous spleen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend recheck sonogram at complete NPO status if the patient was not NPO at the time of the sonogram. Fecal test, diet change to hydrolyzed diet indicated.





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.

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