**DATE**

1/26/23

PATIENT

Opera Bage

SPECIES

Feline

BREED

Domestic Longhair

SEX

Spayed female

AGE

10/10/13

WEIGHT

7.3 lbs

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**HOSPITAL NAME**Animal Emergency
Hospital**REFERRING VET**

Dr. Nacke-Horney

INVOICE

42341

PRESENTING CLINICAL SIGNS

Known IDB dx last year - Tuesday morning started seeing decline in appetite - known to occasionally decline some flavors of food Last night: felt a bit on the warm side - where she was laying felt warm as well Ate a small bit with her fortiflora (started last night) Has a new cat in the household Presented to rdvm: - Hx of IBD, eats hydrolyzed diet - hyporexia for the past 2-3 days - Pe: temp 105.9 then improved to 104.3 - focal twitching noted - Bw: Alt 443, Tbil 1.3, Glob 5.3 - rbc and wbc WNL, immature bands present - Bilirubin in urine - T4 WNL - ProBNP WNL - Interested in US

Current Medications: Unasyn, Vitamin B Complex, Buprenorphine, Cerenia, Denamarin.

Lab Results: See attached.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, 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 was 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 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. Slight pyelectasia was noted and measured 0.15 cm. The right kidney measured 4.54 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 0.48 cm. The right adrenal gland measured 0.46 cm.

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** 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 and cystic duct were dilated. Gallbladder debris and calculus was noted as well as coalesced debris or possible tissue proliferation in the gallbladder. The common bile duct appeared to be anechoic to the level duodenal papilla and was dilated measuring 0.87 cm just prior to the duodenal papilla. The common bile duct was followed to the duodenal papilla and tapered normally even though the common bile duct is significantly dilated.

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 **pancreas** was enlarged, irregular and hypoechoic with undulating contour measuring 1.3 cm in the right base.

ULTRASONOGRAPHIC FINDINGS

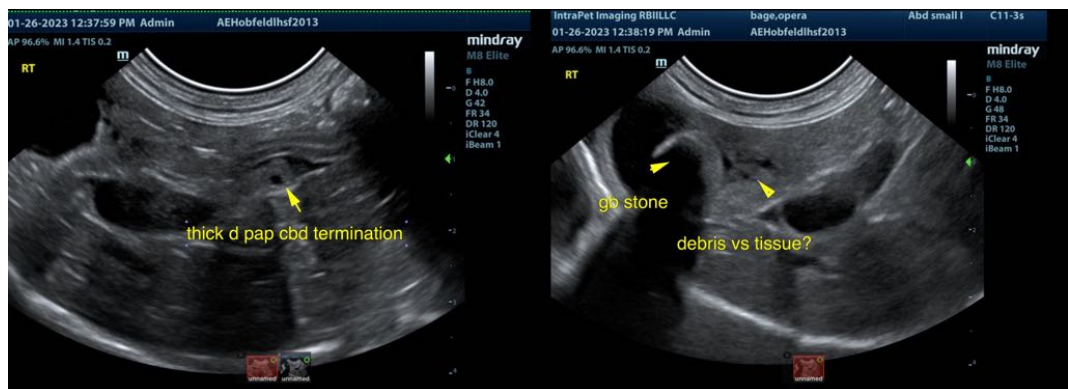
Cholangitis with post hepatic obstruction of the common bile duct, likely inflammatory, possible dysfunctional duodenal papilla.

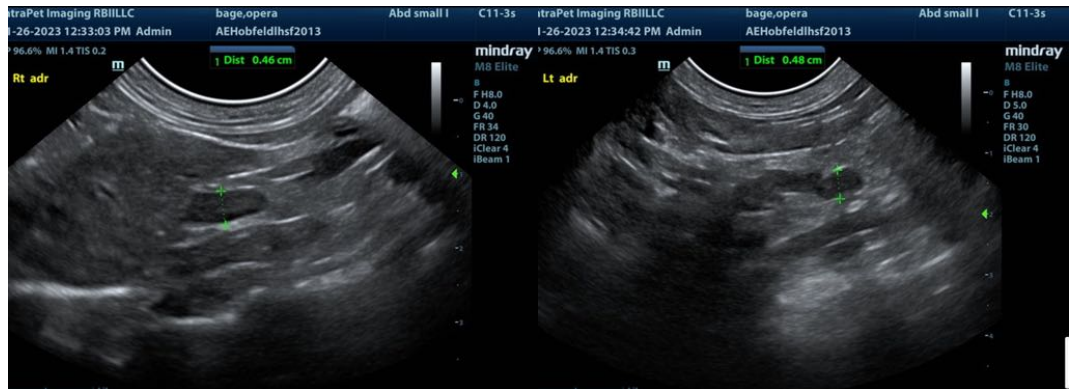
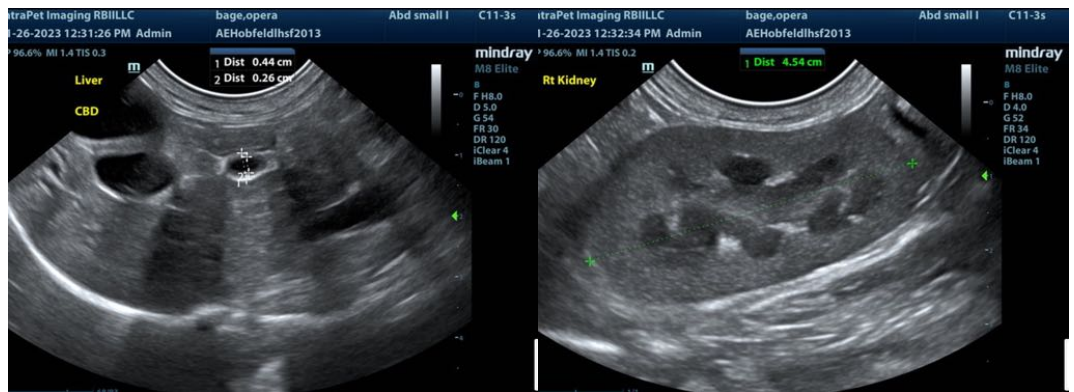
Gallbladder calculus, non-obstructive with coalesced debris or possible proliferative disease/bile duct neoplasia cannot be completely ruled out.

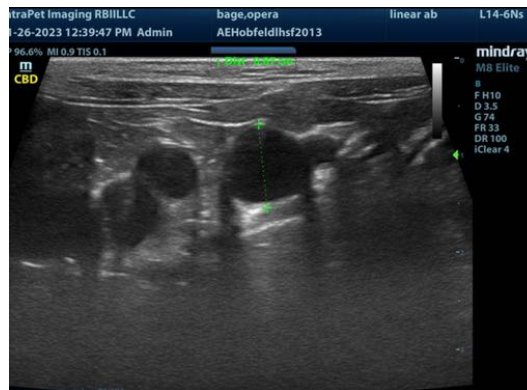
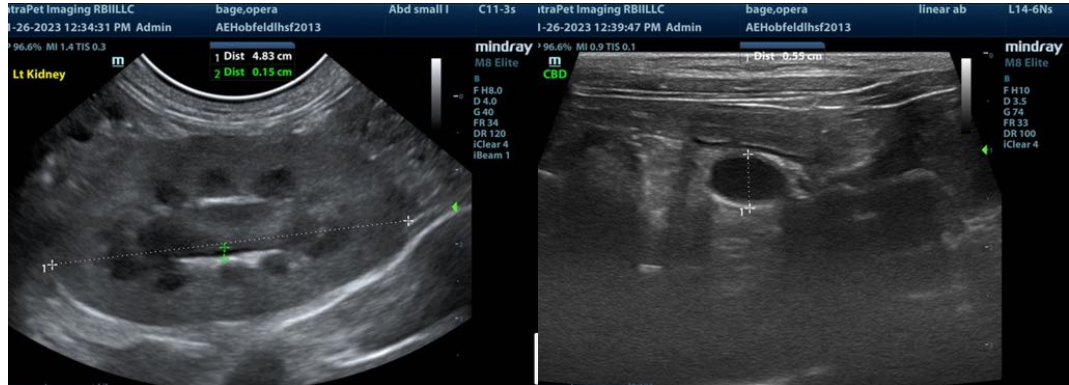
Pancreatitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Medical management is warranted. Single dose Dexamethasone at 0.25 mg/kg along with broad spectrum antibiotics, pain management and fluid support is all indicated +/- liver FNA. Recheck sonogram is recommended in 48-72 hours especially if bilirubin elevations are occurring. Ventral deviation of the duodenal papilla is indicated.







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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