



**PATIENT PRESENTING CLINICAL SIGNS**

**Oak Burke** History: Patient has had decreased thirst for the past week. Owner has also noticed that patient has stopped wanting to eat her dry food and will now only lick the broth of the canned food. Owner believes that Oak's decreased appetite has been for the past week, though he has noticed that she has lost weight. Patient has lost 4.5 lbs since January. Abdominal rads consistent with enteritis.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: CBC WBC 2.63 - 3.50-20.70  $10^9/l$  RBC 7.17 - 7.70-12.80  $10^{12}/l$  MCV 58 + 35- 52 fl MCH 17.7 + 10.0-16.9 pg NEU 1.51 - 1.63-13.37  $10^9/l$  Chem ALP 210 HIGH 10-90 U/L ALT 136 HIGH 20-100 U/L TBIL 2.4 HIGH 0.1-0.6 mg/dL CA 13.4 HIGH 8.0-11.8 mg/dL

**BREED**

Domestic Shorthair

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SEX** *Urinary System*

Spayed female 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.

**AGE**

12 years

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 and no evidence of pelvic dilation was present. Slight pinpoint mineralization was noted in the kidneys. The left kidney measured 3.5 cm and the right kidney measured 3.5 cm.

**WEIGHT**

9.46 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

*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.

**IMAGING PERFORMED BY**

Dr. Ugorji

*Spleen*

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

**HOSPITAL NAME**

Craig Road AH

*Liver*

**REFERRING VET**

Dr. Ugorji

The **liver** was enlarged, hypoechoic and uniform. The gallbladder and common bile duct were unremarkable.

**INVOICE**

47891

*Gastrointestinal*

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall. The muscularis layer was hypertrophied inverting the normal ratio (1:3). The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic inflammation. No evidence of obstruction was present. Chronic inflammatory bowel

**DATE**

6/22/23



**PATIENT**

Oak Burke

disease is probable with a low possibility of an early neoplastic event such as lymphoma or, less likely, dry form FIP can at times be found on biopsy of these presentations. 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 more significant disease than IBD.

**SPECIES**

Feline

**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.

**BREED**

Domestic Shorthair

**SEX**

Spayed female

**ULTRASONOGRAPHIC FINDINGS**

Diffuse intestinal thickening.

Generalized hepatomegaly, suspect parenchymal disease such as hepatic lymphoma or lipidosis.

**AGE**

12 years

Age related abdominal changes otherwise.

**WEIGHT**

9.46 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Coagulation panel and 25-gauge FNA is warranted to differentiated the two. No neoplastic criteria was noted in the GI tract; however, significant muscularis thickening was present. The prognosis depends on cytology results.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

Craig Road AH

**REFERRING VET**

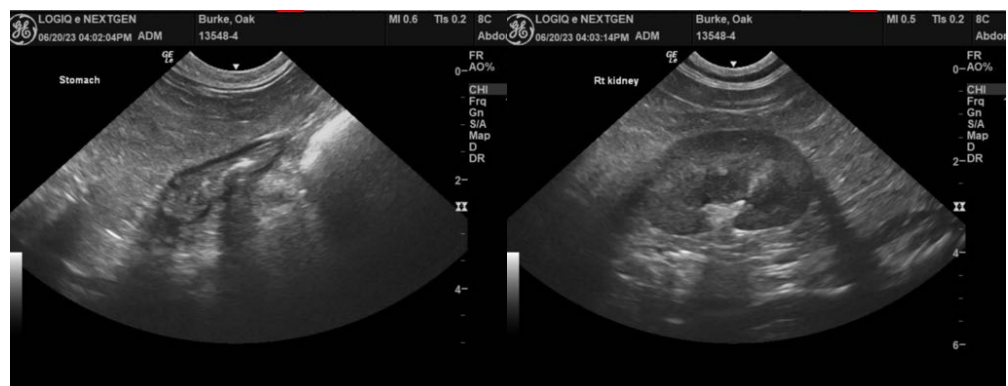
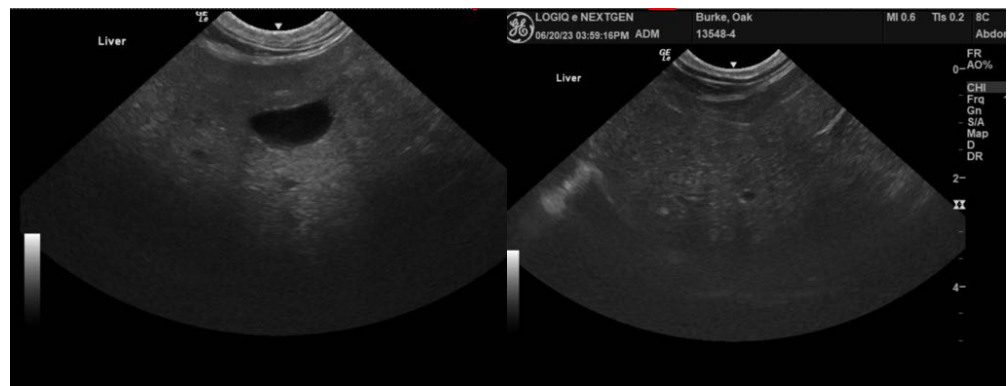
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**PATIENT**

Oak Burke

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

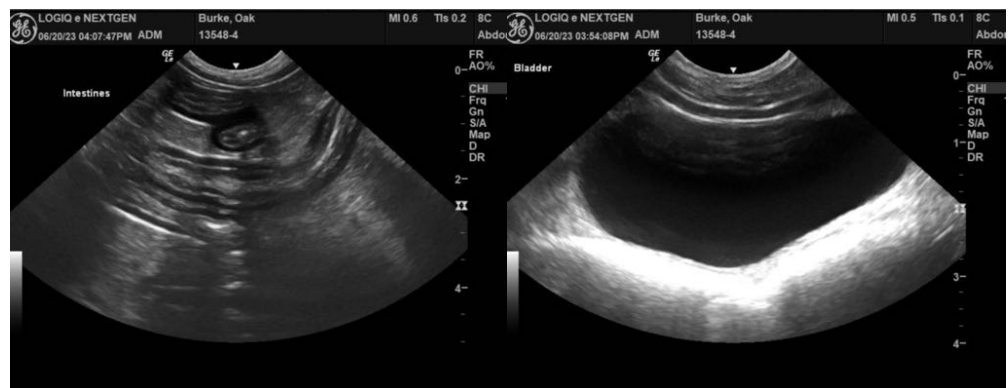
Spayed female

**AGE**

12 years

**WEIGHT**

9.46 lbs



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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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