



**PATIENT**

Brutus Black

**SPECIES**

Feline

**BREED**

DLH

**SEX**

Neutered Male

**AGE**

12 Years

**WEIGHT**

12.2 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Harold Mike Beard

**HOSPITAL NAME**

Animal Care Vet Center

**REFERRING VET**

Dr. Harold Mike Beard

**INVOICE**

39140

**DATE**

6/30/22

**PRESENTING CLINICAL SIGNS**

Wt loss, lethargic, not eating much.

Abnormal PE/Chem/CBC/UA Results: Thin, doughy belly, hiding under chair or in closet, wt loss, fleas. Mild anemia, neutrophilic leukocytosis with regenerative left shift, lymphonia and monocytosis. Chemistry amylase high, everything else looks normal. FIV/FelV negative. Thyroid normal.

**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 left kidney measured 3.0 cm.

**Adrenal Glands**

The regions of the **adrenal glands** were unremarkable.

**Spleen**

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

**Liver**

The **liver** revealed a cystic mass measuring 2.0 cm, consistent with cystadenoma or complex hepatic cyst. The gallbladder was unremarkable.

**Gastrointestinal**

The **stomach** was dilated with fluid. The gastric wall was thickened with loss of detail. Wall thickness measured up to 1.4 cm. Reactive mesentery noted. The gastric thickening was concentric. Regional lymph nodes were enlarged and irregular. A separate intestinal mass was noted in the mid abdomen with reactive mesentery. Intestinal mass measured approximately 3.0 cmx 2.0 cm.

**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 subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

**PRIMARY FINDINGS**

- Gastric and intestinal masses with potential hepatic involvement

**SECONDARY FINDINGS**

- Volume contracted spleen



**PATIENT**

- Age related pancreatic changes

Brutus Black

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound guided FNA of the stomach and intestine recommended with immediate chemotherapeutic intervention.

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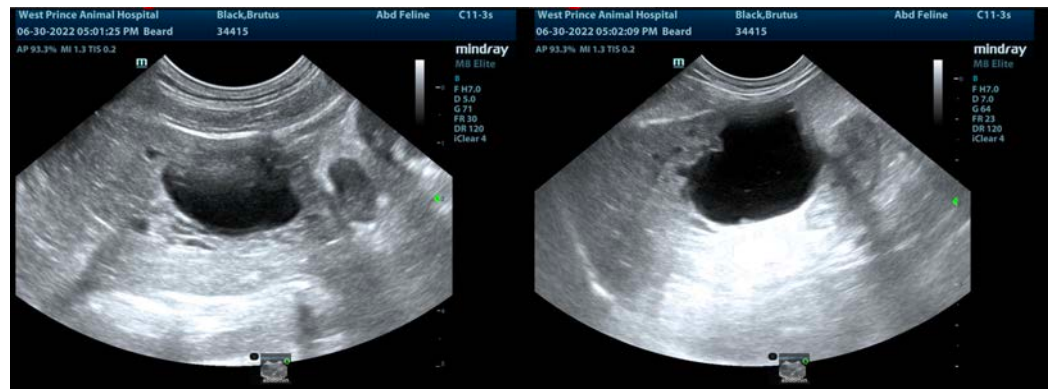
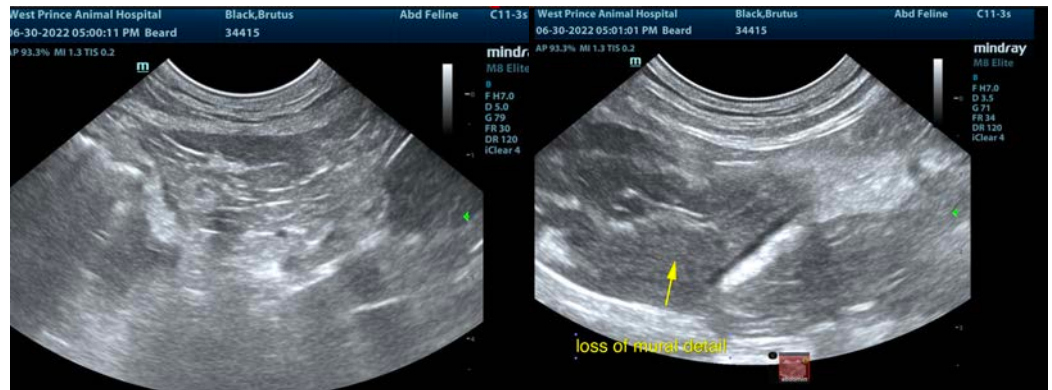
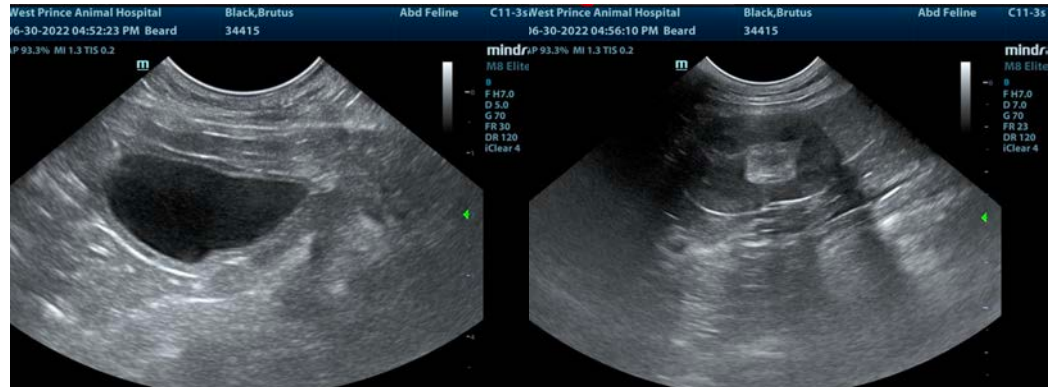
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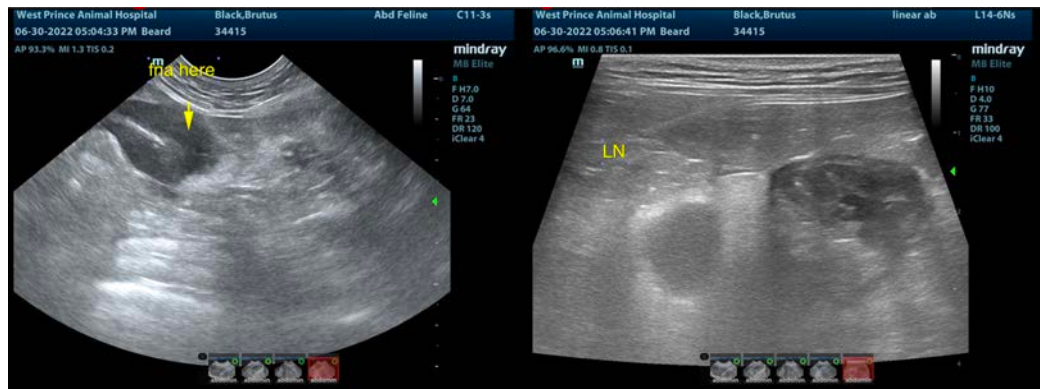
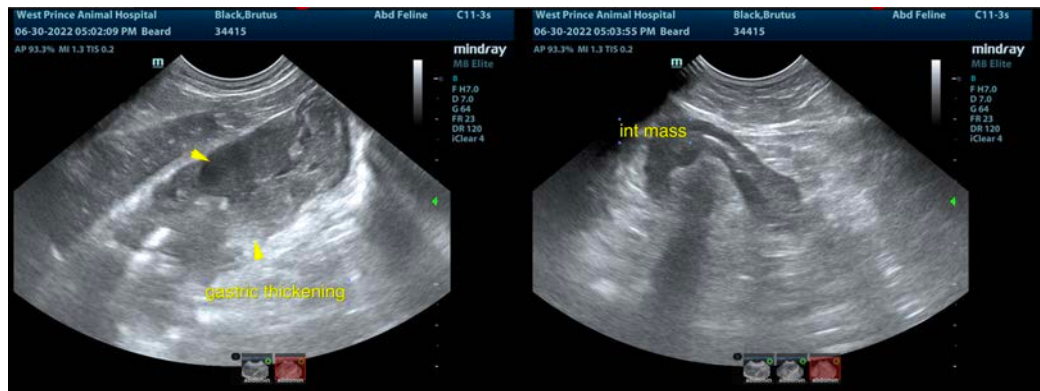
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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