



**PATIENT PRESENTING CLINICAL SIGNS**

Barney Cory History: large bladder stranguria bloody diarrhea

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine **Urinary System**

**BREED**

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.

Bichon Mix

**SEX**

The **kidneys** revealed pelvic calculi and pyelectasia with echogenic debris. Occasional cortical cysts were noted. The right kidney measured 4.0 cm. The left kidney measured 4.85 cm. Reactive mesentery was noted around both kidneys.

Neutered male

**AGE**

**Adrenal Glands**

11 years

Both **adrenal glands** were slightly irregular and hypoechoic with pericapsular inflammatory pattern. The right adrenal gland measured 1.85 x 0.83 cm at the caudal pole and 0.84 cm at the cranial pole. The left adrenal gland measured 1.36 x 0.82 cm at the caudal pole and 0.72 cm at the cranial pole.

**WEIGHT**

18.3 lbs

**Spleen**

**INTERPRETED BY**

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.

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**Liver**

**HOSPITAL NAME**

Rockaway AH

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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

**REFERRING VET**

Dr. Maniar

**INVOICE**

**Gastrointestinal**

91675

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.

**DATE**

9/7/21



**PATIENT**

**Pancreas**

Barney Cory

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.

**SPECIES**

Canine

**Free Abdomen**

**BREED**

Bichon Mix

The reactive mesentery was associated with the kidneys and adrenal glands.

**SEX**

Neutered male

Adrenal gland inflammation may be playing a role or extension to the adrenal glands owing to acute on chronic renal disease/pyelonephritis.

**AGE**

11 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

72-hour IV fluid protocol, urine culture and sensitivity along with blood pressure measurements are all indicated. Broad-spectrum antibiotics and a recheck sonogram is recommended in 48-72 hours. If the patient appears Cushingoid then eventual work-up for PDH would be appropriate.

**WEIGHT**

18.3 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

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**HOSPITAL NAME**

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**REFERRING VET**

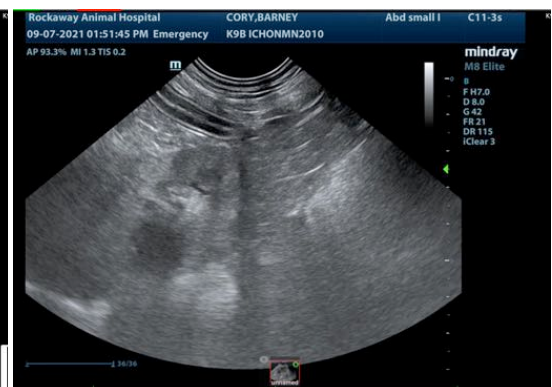
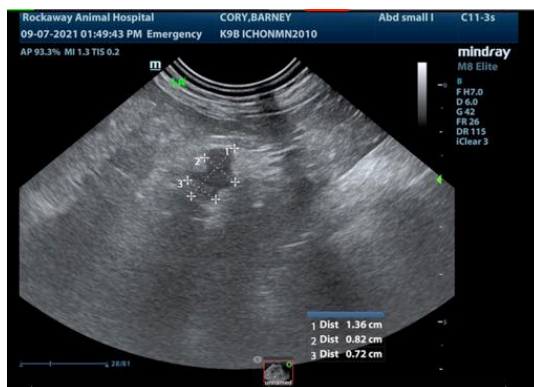
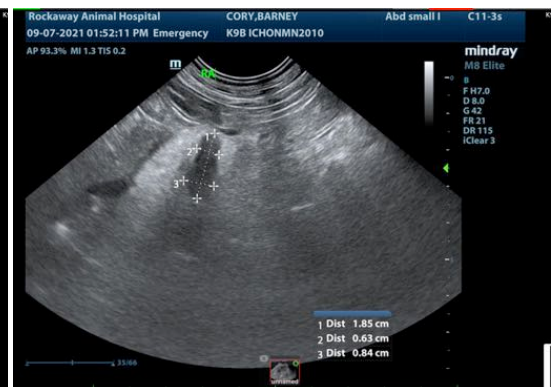
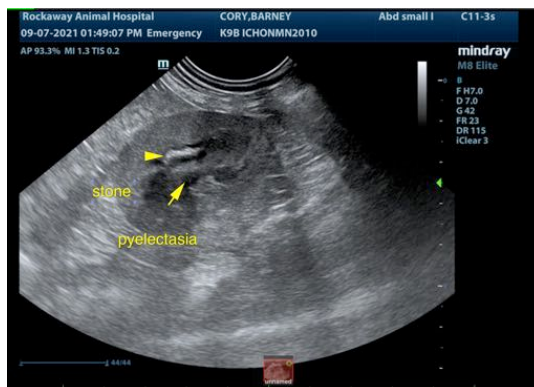
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**PATIENT**

Barney Cory

**SPECIES**

Canine

**BREED**

Bichon Mix

**SEX**

Neutered male

**AGE**

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**WEIGHT**

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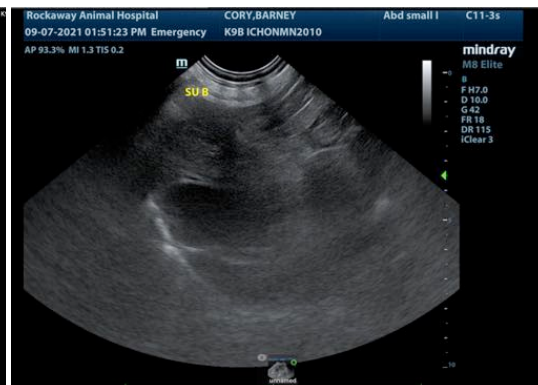
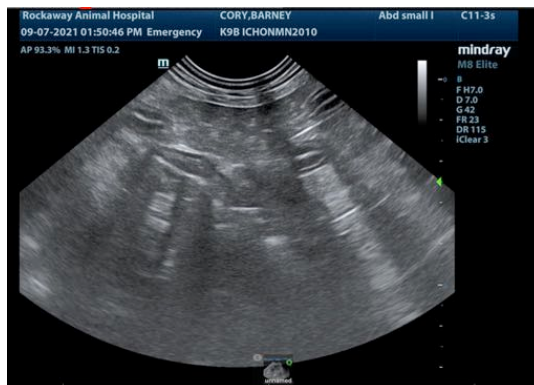
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**DATE**

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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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