



PATIENT PRESENTING CLINICAL SIGNS

Bogart Bompas Poss mass seen on rads, in kidney failure

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

Canine

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

BREED

Golden Retriever

The residual prostate was sonographically unremarkable.

SEX

Neutered Male

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. No evidence of pyelonephritis. The right kidney measured 7.8 cm. The left kidney measured 7.4 cm.

AGE

14 Years

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

45 kg

The bilateral adrenal glands were normal in size. Mildly non-homogeneous to isoechoic parenchymal echogenicity noted compared to adjacent omentum. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The right adrenal gland measured 2.6 cm length x 0.81 cm at the caudal pole. The left adrenal gland measured 2.4 cm length x 0.55 cm at the caudal pole.

INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and
Feline)

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

IMAGING PERFORMED BY

Kelly Reschny

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Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. Symmetrical caudate lobe swelling to uniform isoechoic caudate mass was present. The caudate lobe measured approximately 11 cm in diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

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Gastrointestinal

The stomach presented mild wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild to moderate retained primarily anechoic to mildly echogenic fluid was present. No evidence of gastric foreign material or mechanical pyloric outflow obstruction. Gastric body wall measured 0.73 cm.

DATE

10/13/21



PATIENT

Bogart Bompas

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Minor duodenal non-obstructive ileus was present. Duodenum wall measured 0.5 cm. Jejunum wall measured 0.30 cm.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SPECIES

Canine

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

Golden Retriever

Free Abdomen

No omental masses, lymphadenopathy or peritoneal effusion.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Mild to moderate chronic renal changes
- Hepatic parenchymal remodeling with caudate lobar swelling to uniform isoechoic caudate mass
- Suspect mild gastroduodenitis with mild gastric stasis

AGE

14 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Subjectively, the bilateral kidneys did not appear to be end stage. If the azotemia is acute, acute renal insult may be considered. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

The potential caudate mass is non-specific with considerations including hyperplasia, granuloma, hepatomata, malignant neoplasia, or other. Assuming normal clotting status, ultrasound guided FNA of the enlarged caudate lobe for screening cytology would be warranted.

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Feline)

If evidence of inappetence or vomiting, as-needed gastrointestinal support is suggested.

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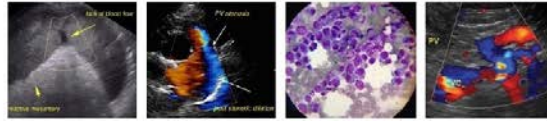
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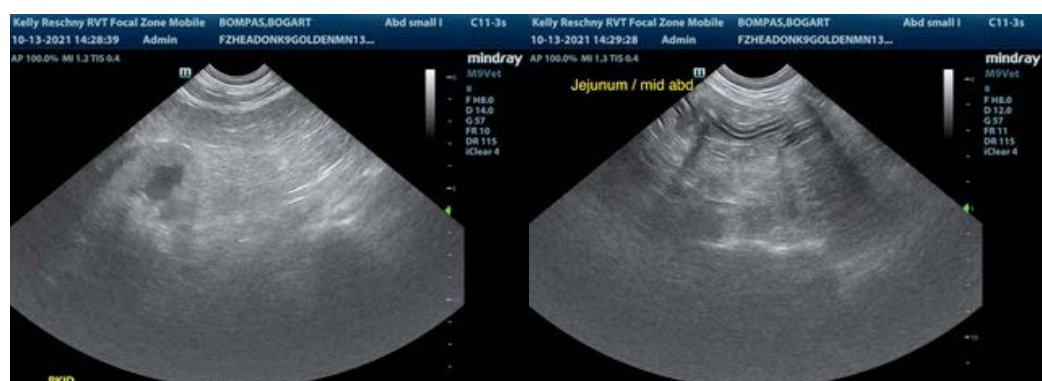
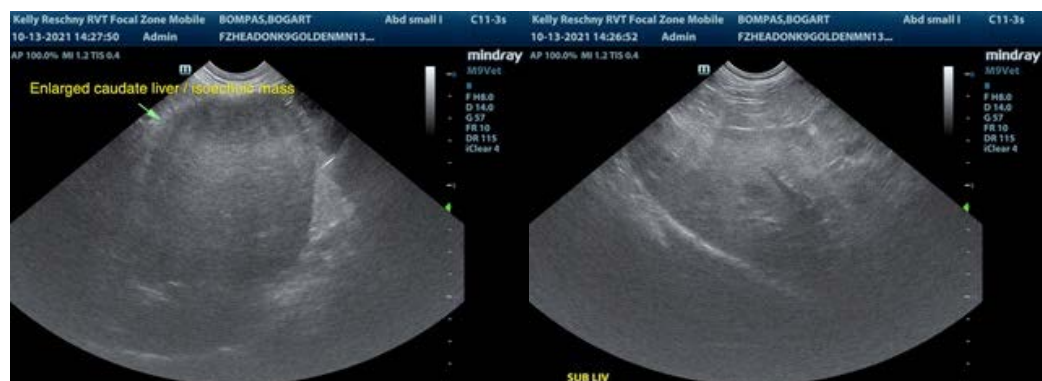
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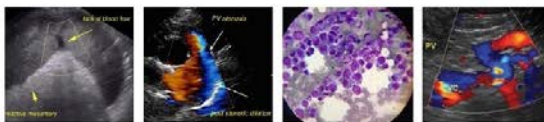
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PATIENT

Bogart Bompas

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.

SPECIES

Canine

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.

BREED

Golden Retriever

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SEX

Neutered Male

AGE

14 Years

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