



PATIENT PRESENTING CLINICAL SIGNS

Brady Beebe History: ADR, uncomfortable abdomen, diarrhea
 ALP 369, unremarkable CBC.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 6.0 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.

Lab Mix

SEX The residual prostate was sonographically unremarkable.

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.6 cm. The right kidney measured 7.2 cm.

AGE **Adrenal Glands**

12 years The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.60 cm at the cranial pole and 0.58 cm at the caudal pole. The right adrenal gland measured 0.82 cm at the caudal pole.

WEIGHT The right adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia.

75 Pounds

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

Rebekah Jakum, CVT
 ARDMS/RVT

Liver

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. Mild hepatic parenchymal remodeling was present. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

HOSPITAL NAME

Easton AH

REFERRING VET

Dr. Nankman

Gastrointestinal

INVOICE The visualized gastric walls were sonographically unremarkable with intact wall layering and without evidence of mural hypertrophy. Gastric body wall measured 0.55 cm. A moderate amount of ingesta was present in the stomach exhibiting nearfield hyperechogenicity with strong distal acoustic shadowing. The ingesta appeared to extend into the area of the gastric antrum and pylorus with pyloric gas artifact.

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DATE

10.14.2021



PATIENT The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental luminal gas was noted without evidence of mechanical or metabolic ileus. Jejunum wall measured 0.39 cm.
Brady Beebe
Normal visible colon wall layers were present with apparent formed feces in lumen.

SPECIES *Pancreas*

Canine The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

BREED *Free Abdomen*

Lab Mix No overt lymphadenopathy or peritoneal effusion was present.

SEX **PRIMARY FINDINGS**

- Neutered Male
- Moderate strongly shadowing gastric ingesta
 - Sonographically unremarkable small bowel with segmental gas – no evidence of small intestinal mechanical/metabolic ileus

AGE **SECONDARY FINDINGS**

- 12 years
- Hepatomegaly with mild parenchymal remodeling – subjectively benign.
 - Mild age related kidneys

WEIGHT **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

75 Pounds

The presence of strongly shadowing gastric ingesta may correlate with known or unknown post-prandial presentation with dense ingesta. However, concern for foreign material (given the strongly shadowing presentation of the ingesta and correlation with the submitted radiographs) is warranted. Potential for dietary indiscretion given the concurrent presence of diarrhea and without evidence of small intestinal or colonic mural disease may be possible. Conservatively, hospitalization with 24-hour IV fluid and gastrointestinal support with either sonographic or radiographic monitoring for evidence of gastric emptying would be reasonable. However, gastrotomy at this time, or if evidence of persistent retained gastric ingesta, should be considered.

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DVM, DABVP
(Canine and Feline)

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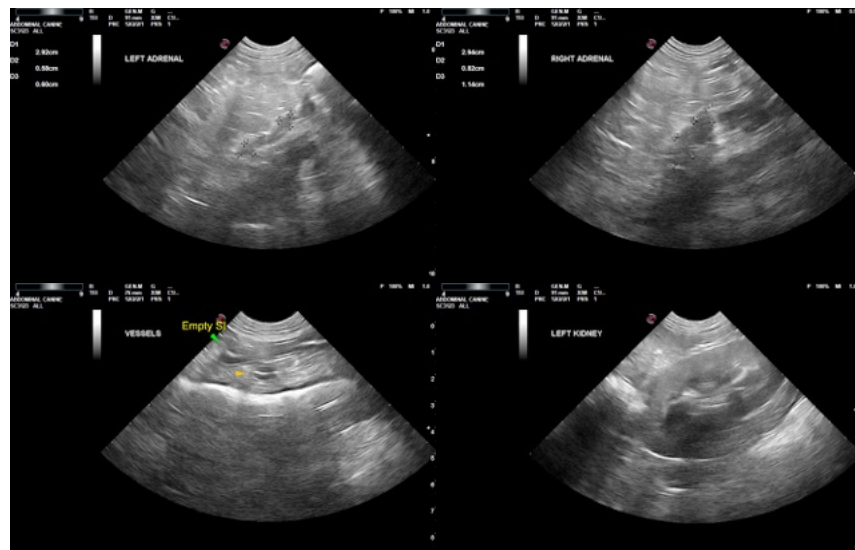
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PATIENT

Brady Beebe

SPECIES

Canine

BREED

Lab Mix

SEX

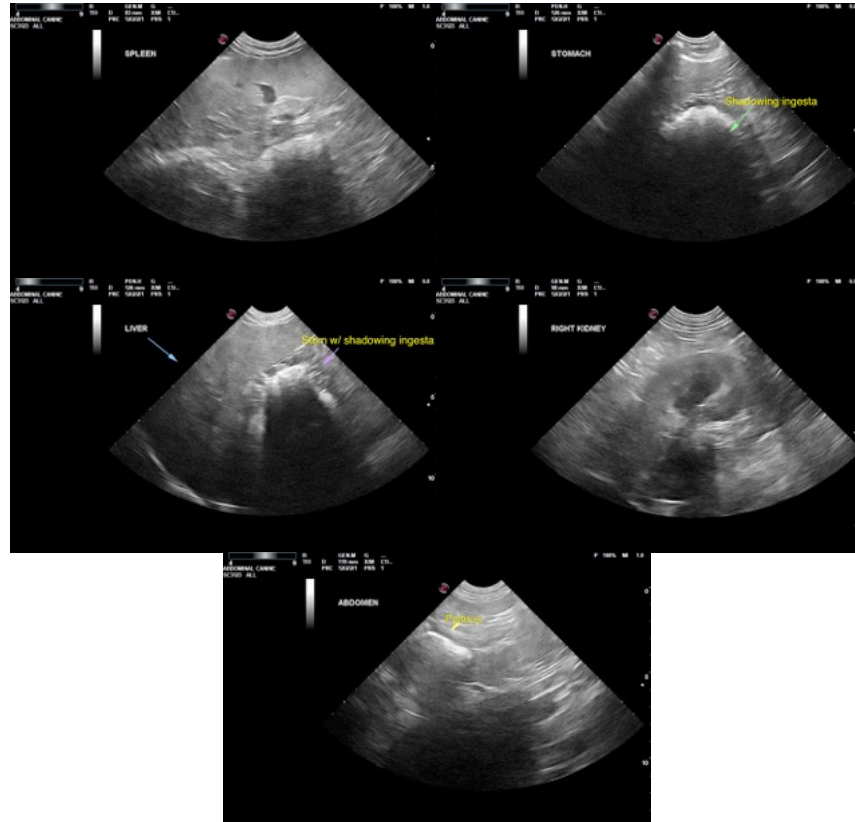
Neutered Male

AGE

12 years

WEIGHT

75 Pounds



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DVM, DABVP
(Canine and Feline)

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.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

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