



PATIENT PRESENTING CLINICAL SIGNS

Bella Beauregard 3 WEEK DX DM, COINCIDING DECREASED APPETITE, COUGH MIRTAZAPINE, DOXYCYCLINE, VETSULIN 8U BID (NO MEDS GIVEN CONSISTENTLY)

SPECIES ALP 234, Cholesterol 344, cPL abnormal, BUN 30, Creatinine 1.2, Glucose 360

Canine Urinalysis- specific gravity 1.020, 2+ protein, 3+ glucose

BREED HCT 43, WBC 12.9, Platelets elevated at 624

Beagle Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX 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 was noted.

FS

AGE

11 years

No evidence of pathology in the area of the aortic trifurcation.

WEIGHT

36

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pyelectasia or overt pyelonephritis was present. The left kidney measured 5.5 cm in length. The right kidney measured 5.6 cm in length.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.7 cm length x 0.59 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.5 cm length x 0.45 cm width at the caudal pole.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Spleen

The spleen was normal in size and contour with generalized, primarily uniform hyperechoic parenchyma. No overt masses were noted. Normal subjective splenic vascularity was present.

HOSPITAL NAME

Lehigh Valley AH
 (BATH_

REFERRING VET

Dr. Ferrari

Liver/ Gallbladder

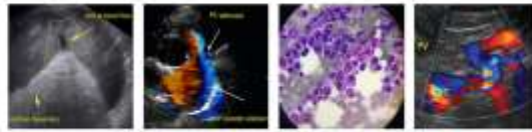
The liver presented mild to moderately enlarged in size. The parenchyma of the liver was subjectively increased in echogenicity compared to the spleen and renal cortices. The echotexture of the liver parenchyma was uniform with a mild coarse echotexture. Focal intraparenchymal cyst was noted in the right lateral to caudate liver. The capsule of the liver was symmetrical in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder contained mild, nondependent yet nonorganized gallbladder debris. The cystic and common bile ducts were normal.

INVOICE

13386

DATE

2/22/22



PATIENT *Gastrointestinal*

Bella Beauregard The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was primarily empty with mild luminal gas. No evidence of retained ingesta, fluid, or foreign material was noted. The gastric body wall width 0.33 cm.

SPECIES

Canine The small intestine presented intact wall layering and primarily maintained 1:3 muscularis/mucosa ratio with duodenal and potential segmental jejunal mucosal speckling. The duodenum wall width measured 0.47 cm.

BREED

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

SEX

FS 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 were evident.

AGE

11 years *Free Abdomen*
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

36

- Bilateral mild chronic renal changes
- Nonspecific hyperechoic spleen - subjectively benign
- Hepatopathy with solitary intraparenchymal cyst- metabolic / vacuolar (diabetic) hepatopathy suspected, cholangiohepatitis or other inflammatory hepatopathy possible
- Mild gallbladder debris (non-mucocele) - nonspecific, potentially owing to fasting, mild hepatobiliary inflammation, or cholestasis
- Sonographically unremarkable pancreas
- Suspect duodenitis / gastroduodenitis

INTERPRETED BY

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

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehigh Valley AH
(BATH_

REFERRING VET

Dr. Ferrari

INVOICE

13386

DATE

2/22/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Potential for low-grade or chronic pancreatitis may be present yet sonographically normal.

Urine culture and sensitivity on sterile urine sample is suggested, given the presence of glucose urea. UPC could also be considered for further renal staging if quiet sediment.

Gastrointestinal supportive care and conservative therapy for gastroduodenitis would be reasonable.

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>



PATIENT

Bella Beauregard

SPECIES

Canine

BREED

Beagle Mix

SEX

FS

AGE

11 years

WEIGHT

36

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehigh Valley AH
(BATH_

REFERRING VET

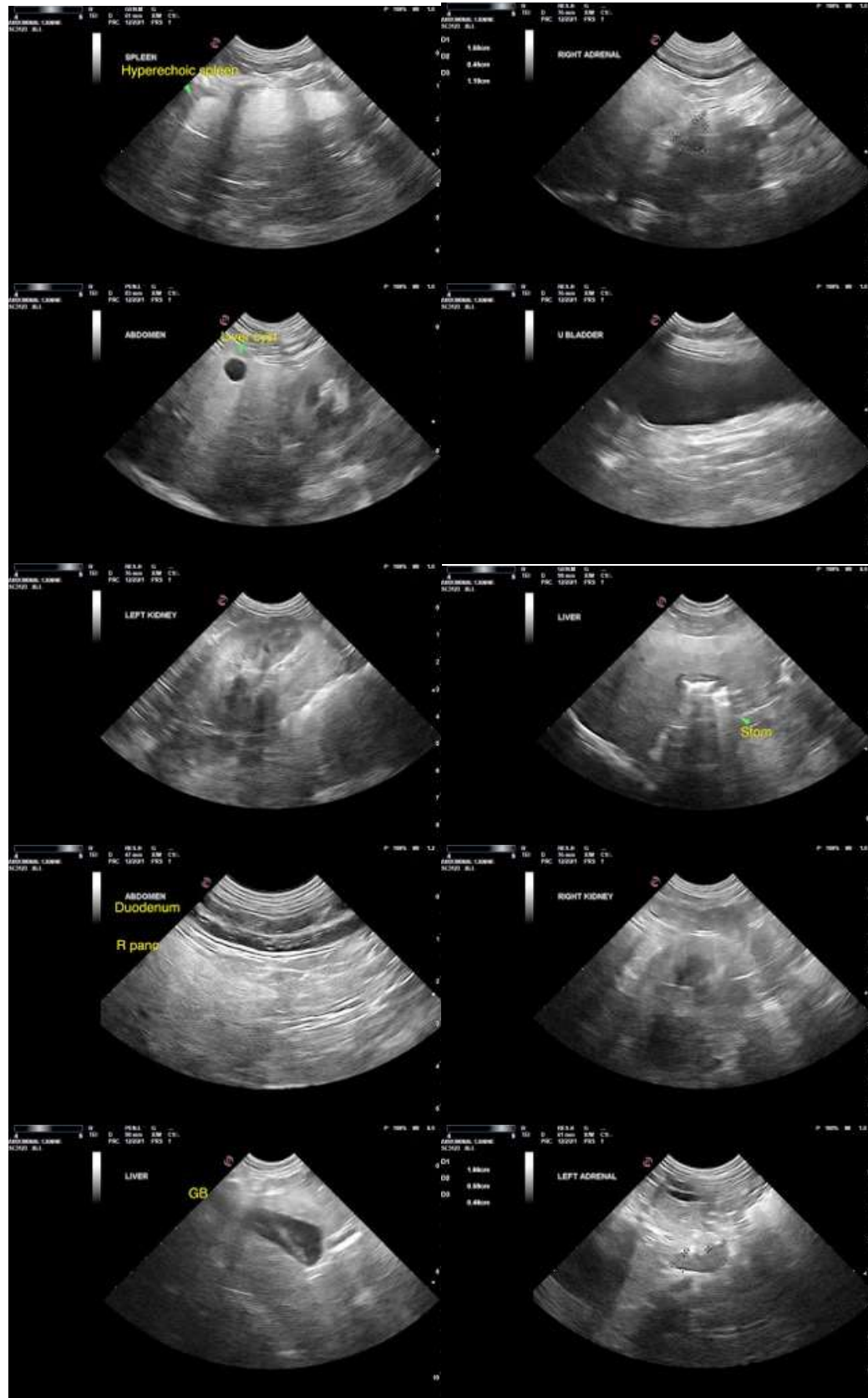
Dr. Ferrari

INVOICE

13386

DATE

2/22/22





PATIENT

Bella Beauregard

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.

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

Beagle Mix

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

SEX

FS

AGE

11 years

WEIGHT

36

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehigh Valley AH
(BATH_

REFERRING VET

Dr. Ferrari

INVOICE

13386

DATE

2/22/22