

**PATIENT**

Hoover Bergeron

SPECIES

Canine

BREED

Beagle

SEX

NM

AGE

11 years

WEIGHT

49 lbs.

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**IMAGING
PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Gretchen Muhonen

INVOICE

13769

DATE

4/28/22

PRESENTING CLINICAL SIGNS

P presented for follow up T4 - O reports no symptoms

Abnormal PE/Chem/CBC/UA Results: Mildly increased SDMA and low T4, semi firm cranial abd palpation.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.75 cm in diameter.

The area of the aortic trifurcation was free of pathology.

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 border demarcation expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.9 cm in length. The right kidney measured 5.7 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.3 cm length x 0.43 cm width at the caudal pole. The right adrenal gland was indistinctly visualized owing to patient size, conformation, and potential isoechoic adrenal echogenicity compared to adjacent omentum, yet without overt pathology, subjectively measuring 0.74 cm width at the caudal pole.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Minor areas of uniform hyperechoic parenchyma to small nodules adjacent to the splenic hilus consistent with mild to emerging myelolipomas were present. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/ Gallbladder

The liver exhibited subjective mild enlargement with normal 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. 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.



PATIENT

Hoover Bergeron

SPECIES

Canine

BREED

Beagle

SEX

NM

AGE

11 years

WEIGHT

49 lbs.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

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

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.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Mild age-related kidneys
- Mild subjective hepatomegaly exhibiting parenchymal remodeling - subjectively benign
- Mild heterogeneous pancreas - age-related parenchymal remodeling with potential for low-grade to chronic pancreatitis possible

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, largely geriatric abdomen without evidence of significant visceral pathology.

Correlation of the hepatic presentation with an assessment of hepatic enzymes, if not recently done, is suggested. Potential for low-grade to chronic pancreatitis may be suspected if the reported semi-firm cranial abdominal palpation suggests mild discomfort. Correlation with a Spec cPL could be considered if clinically indicated. Baseline renal staging to include screening urine culture and sensitivity, as well as baseline UPC, may be considered.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

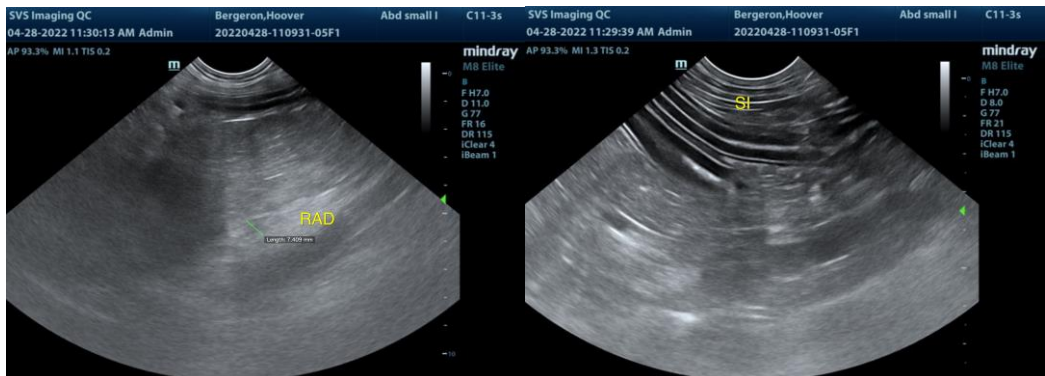
Dr. Gretchen Muhonen

INVOICE

13769

DATE

4/28/22





PATIENT

Hoover Bergeron

SPECIES

Canine

BREED

Beagle

SEX

NM

AGE

11 years

WEIGHT

49 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

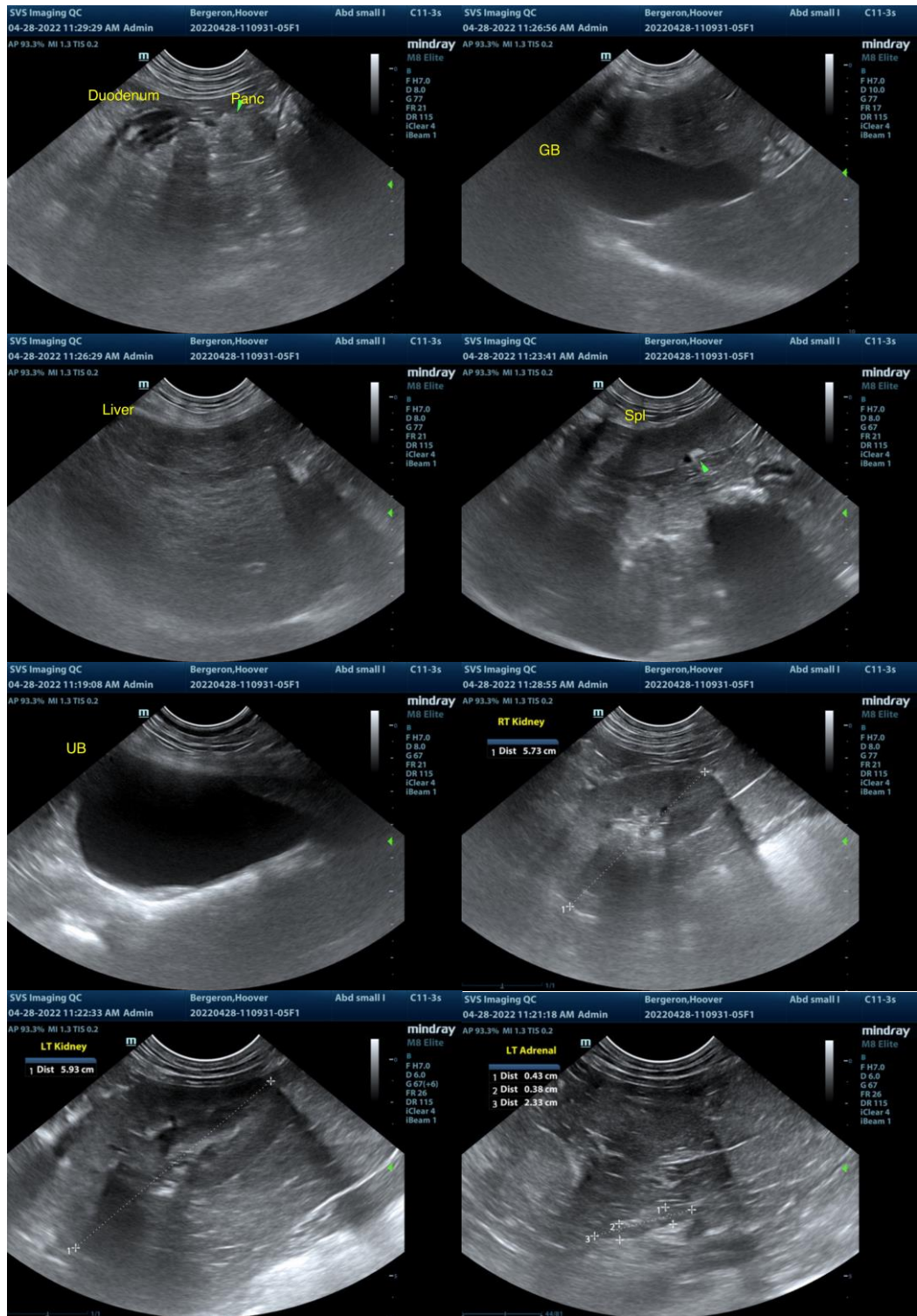
Dr. Gretchen Muhonen

INVOICE

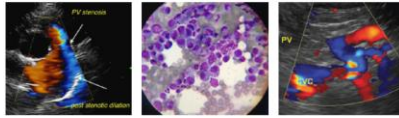
13769

DATE

4/28/22



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology



PATIENT

Hoover Bergeron

SPECIES

Canine

BREED

Beagle

SEX

NM

AGE

11 years

WEIGHT

49 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Gretchen Muhonen

INVOICE

13769

DATE

4/28/22

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com