



PATIENT PRESENTING CLINICAL SIGNS

Mattie Sturms History: 3 month duration increased panting, new murmur, concern for abdominal mass
Medication: Fluoxetine

SPECIES Hematocrit 58.6, unremarkable Chem panel

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Keeshond 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.

SEX

FS

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

AGE

10 years

Normal size and margination was 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 5.2 cm in length. The right kidney measured 5.1 cm in length.

WEIGHT *Adrenal Glands*

27.8 Pounds

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.72 cm width in the cranial pole and 0.65 cm width in the caudal pole. The right adrenal gland measured 0.73 cm width in the cranial pole and 0.61 cm width in 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. Mild asymmetrical medial capsular contour was noted. 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

HOSPITAL NAME *Liver / Gallbladder*

Good Hope AH

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. The hepatic and portal vasculature were normal in appearance without signs of congestion.

REFERRING VET

Dr. Weeks

The gallbladder was non distended in size with mild echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

INVOICE *Gastrointestinal*

9-17-21

DATE

9.17.2021



PATIENT Mattie Sturms
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 gastric body wall width measured 0.31 cm.

SPECIES Canine
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. The duodenum wall width measured 0.39 cm.

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

BREED *Pancreas*

Keeshond
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.

SEX

FS

Free Abdomen

No intraabdominal masses, lymphadenopathy, or peritoneal effusion was present.

AGE

10 years

ULTRASONOGRAPHIC FINDINGS

- Bilateral mild chronic renal changes.
- Age related hepatosplenic changes - no evidence of neoplasia.
- Mild gallbladder debris.

WEIGHT

27.8 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

Largely geriatric abdomen without evidence of significant visceral pathology including no evidence of neoplasia or masses.

The gallbladder debris may be secondary to fasting or indicate nonclinical cholestasis.

Thorough musculoskeletal examination as well as three view chest radiographs to rule out occult thoracic pathology and assess cardiopulmonary status may be considered.

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ARDMS/RVT

HOSPITAL NAME

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REFERRING VET

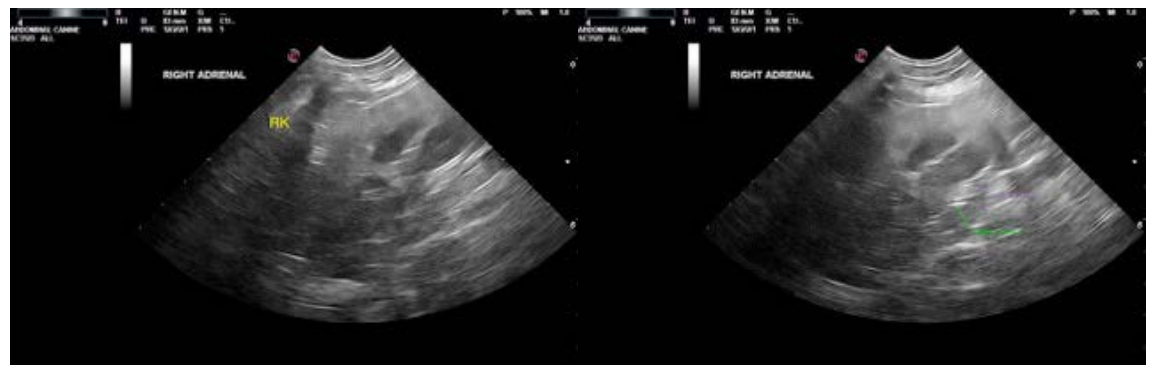
Dr. Weeks

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PATIENT

Mattie Sturms

SPECIES

Canine

BREED

Keeshond

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WEIGHT

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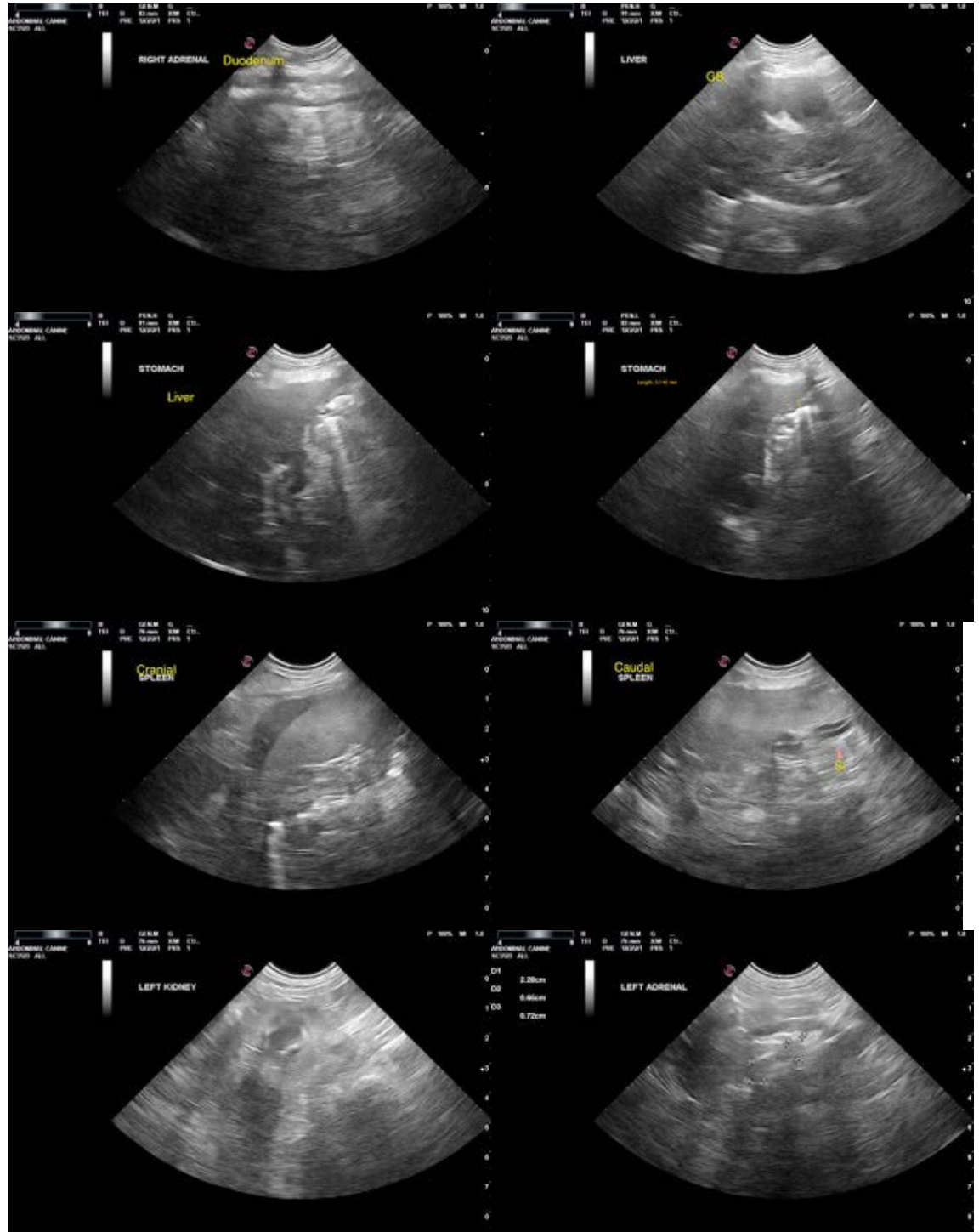
Dr. Weeks

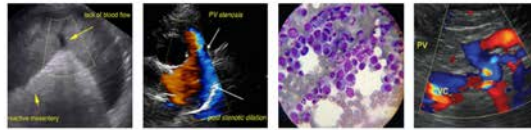
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PATIENT

Mattie Sturms

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

Keeshond

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

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SEX

FS

AGE

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WEIGHT

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