

PATIENT PRESENTING CLINICAL SIGNS

Misty Stapleton Pale MM, came in on emergency- started IVF and hospitalization- lethargic- distended abdomen

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Boster Terrier

The urinary bladder was normal in size and tone. Small nonhomogeneous to pinpoint hyperechoic mass was noted in the area of the ventral wall extending mildly into the urinary bladder lumen. This mass measured approximately 1.3 cm x 0.47 cm. Concurrent regional asymmetrically thickened dorsal trigone extending into the cystourethral junction exhibiting similar mural echogenicity with pinpoint hyperechoic foci were present. The dorsal trigone wall width measured 0.50 cm.

SEX

FS

The area of the aortic trifurcation was free of pathology.

AGE

13 years

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. Mild pyelectasia was noted in the left kidney. The left kidney measured 4.5 cm in length. The right kidney measured 4.4 cm in length.

WEIGHT

10 lbs.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.60 cm width at the caudal pole and 0.64 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.80 cm width at the caudal pole and 0.61 cm width at the cranial pole.

INTERPRETED BY

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

IMAGING PERFORMED BY

Spleen

Loetitia Saint-Jacques, RVT

The spleen exhibited a large, expansive, complex to mixed echogenic mass occupying the majority of the mid to cranial abdomen. The mass measured at least 9.0 cm in diameter but likely larger as the entire mass would not fit into a single viewing window. A concurrent, non-associated, hypoechoic splenic intraparenchymal nodule was noted in the mid spleen. Regional hyperechoic perisplenic mesentery with potential for adhesions were noted.

HOSPITAL NAME

Pine Creek VC

REFERRING VET

Liver/ Gallbladder

Dr. Denny Nolet

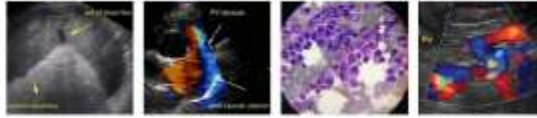
The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. Solitary, mildly expansive, hypoechoic nodule was present in the mid to right liver parenchyma dorsal and lateral to the gallbladder. The nodule measured 1.8 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.

INVOICE

13194

DATE

1/28/22



PATIENT

Misty Stapleton

Gastrointestinal

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact yet subjective mild prominent wall layering was noted. Mild gastric distension was noted. Minor retained anechoic pyloric anechoic fluid was present. The gastric body wall measured 0.44 cm width.

SPECIES

Canine

The small intestine presented intact wall layering with subjective propensity for mildly prominent generalized mucosa, as well as segmental to generalized nonspecific hyperechoic mucosa striations. The jejunum wall width measured 0.38 cm.

BREED

Boster Terrier

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

SEX

Pancreas

FS

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

AGE

Free Abdomen

13 years

No overt lymphadenopathy was present. Mild volume associated peritoneal free fluid was present.

WEIGHT

10 lbs.

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Urinary bladder small ventral mass with concurrent regional dorsal trigone to cystourethral junction mural hypertrophy
- Large expansive to complex mixed echogenic splenic mass, associated regional to generalized perisplenic to mid cranial abdominal inflamed mesentery with potential for adhesions
- Solitary nonspecific yet highly suspicious hepatic intraparenchymal nodule
- Nonspecific small bowel hyperechoic mucosal striations - enteritis, emerging PLE, or other

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Pine Creek VC

REFERRING VET

Dr. Denny Nolet

The splenic mass is most consistent with neoplastic criteria with considerations including sarcoma, round cell neoplasia, or other. Strong suspicion for focal hepatic metastasis is warranted with benign hepatic nodules such as hematopoiesis, nodular to regenerative hyperplasia possible yet thought less likely.

INVOICE

13194

Likewise, potential for metastatic urinary bladder disease vs. separate concurrent neoplastic process such as transitional cell carcinoma is warranted.

Unfortunately, an unfavorable prognosis is likely indicated.

DATE

1/28/22



PATIENT

Misty Stapleton

SPECIES

Canine

BREED

Boster Terrier

SEX

FS

AGE

13 years

WEIGHT

10 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Pine Creek VC

REFERRING VET

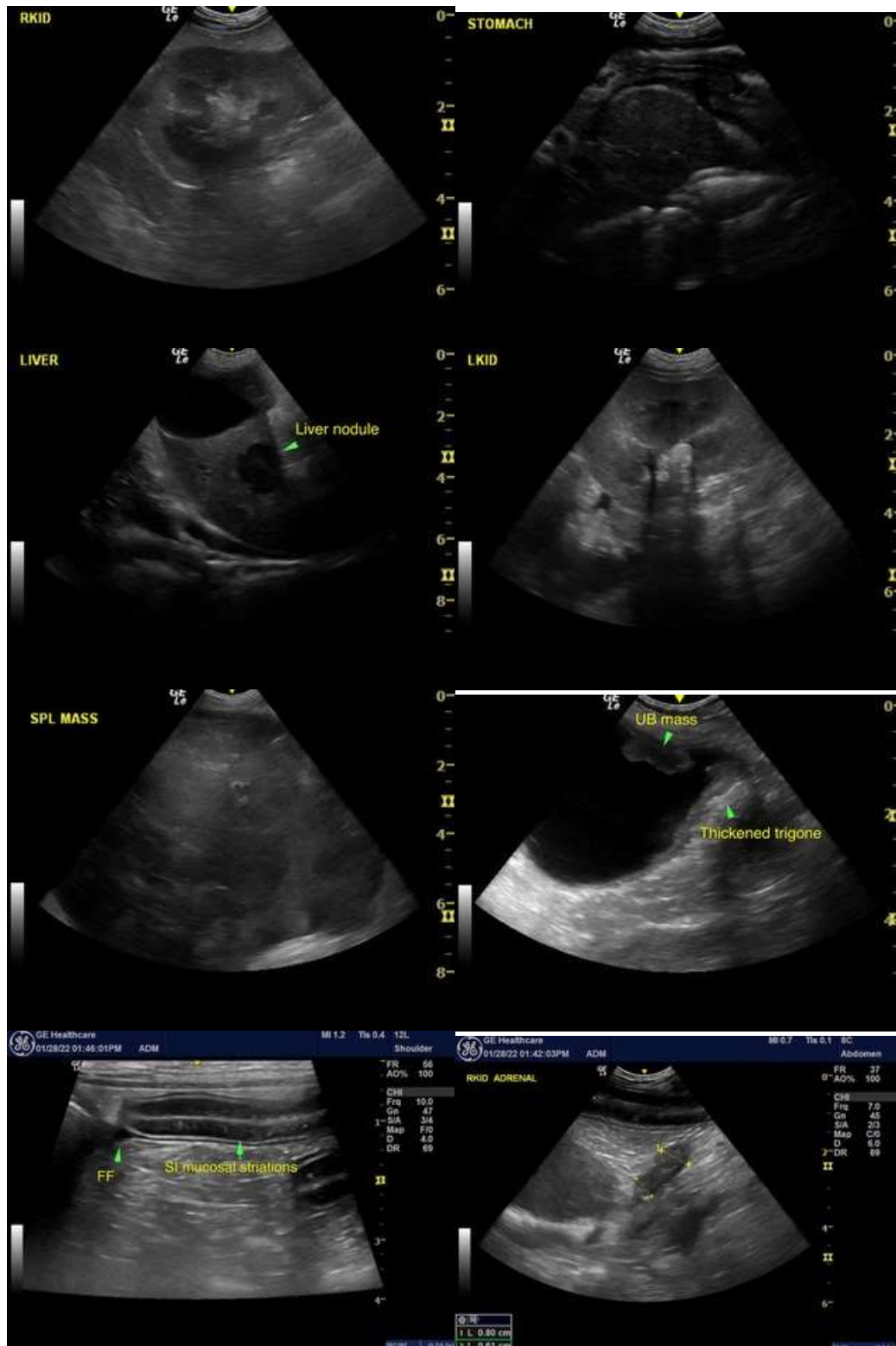
Dr. Denny Nolet

INVOICE

13194

DATE

1/28/22





PATIENT

Misty Stapleton

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

Boster Terrier

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

SEX

FS

AGE

13 years

WEIGHT

10 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Pine Creek VC

REFERRING VET

Dr. Denny Nolet

INVOICE

13194

DATE

1/28/22