

PATIENT PRESENTING CLINICAL SIGNS

Buck Gordon History: 9.20 left front leg amputation due to osteosarcoma, recent increased GI sounds, discomfort, concern for metastasis, suspect pulmonary nodule on radiographs

SPECIES Medication: Cerenia, Simethicone, Pepcid, Metronidazole

Canine Mild eosinophilia, negative fecal

BREED

Rottweiler

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Neutered Male

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.

AGE

8 years

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.1 cm in diameter.

WEIGHT

75 Pounds

The area of the aortic trifurcation was free of pathology, including no evidence of medial iliac or sublumbar lymphadenopathy.

INTERPRETED BY

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

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 7.3 cm in length. The right kidney measured 7.6 cm in length.

Adrenal Glands

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.53 cm width at the caudal pole and 0.57 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 0.53 cm width at the caudal pole and 0.79 cm width at the cranial pole.

HOSPITAL NAME

Stanglein VC

Spleen

REFERRING VET

Dr. Stanglein

The spleen exhibited subjective normal size yet primarily maintained a finely textured homogeneous parenchyma. A solitary, ill-defined to subtly expansive mild nonhomogeneous nodule was noted in the craniomedial spleen, measuring approximately 1.7 cm in diameter. Associated mild symmetrically rounded medial capsule contour adjacent to the nodule was present.

INVOICE

12914

Liver/ Gallbladder

DATE

12.29.2021

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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 ***Gastrointestinal***

Buck Gordon The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with mild retained anechoic fluid was present without evidence of retained ingesta or overt mechanical pyloric outflow obstruction. The pylorus wall width measured 0.65 cm.

SPECIES

Canine The small intestine exhibited intact wall layering with generalized propensity for mildly prominent muscularis layer. The duodenum wall width measured 0.51 cm. The jejunum wall width measured 0.48 cm. No evidence of loss of gastrointestinal wall layering or gastrointestinal masses was noted.

BREED

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

SEX

Pancreas

Neutered Male 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

Free Abdomen

8 years No omental masses, lymphadenopathy or peritoneal effusion was present.

WEIGHT

ULTRASONOGRAPHIC FINDINGS

75 Pounds

Primary Findings

- Solitary ill-defined to mildly nonhomogeneous craniomedial splenic nodule
- Gastritis with gastric hypomotility, suspect likely concurrent inflammatory enteropathy - gastroenteritis, IBD, or other gastroenteropathy possible, no overt evidence of gastrointestinal neoplastic criteria
- No evidence of intraabdominal lymphadenopathy

INTERPRETED BY

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 DVM, DABVP
 (Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The generalized gastrointestinal tract exhibited mural changes suggestive of underlying probable inflammatory gastroenteropathy, yet without evidence of gastrointestinal masses or mechanical obstruction. Continued gastrointestinal support with a limited antigen or hydrolyzed diet may prove beneficial. Panacur 50 mg/kg PO SID for 5 consecutive days with potential repeat protocol in 3 weeks is suggested, even if fecal testing is negative, given the mild eosinophilia. Endoscopic Intestinal biopsies are likely required for further clarification.

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 ARDMS/RVT

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REFERRING VET

Dr. Stanglein

The ill-defined splenic nodule is nonspecific and may indicate a focal area of hyperplasia, hematopoiesis, splenitis, or similar benign pathology. The nodule was not overtly suggestive of metastatic disease, yet cannot be definitively excluded. Assuming normal clotting status, ultrasound-guided splenic parenchyma and nodule FNA, using a 25-gauge needle, could be considered for screening cytology vs. sonographic monitoring for evidence of progression.

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Buck Gordon

SPECIES

Canine

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Neutered Male

AGE

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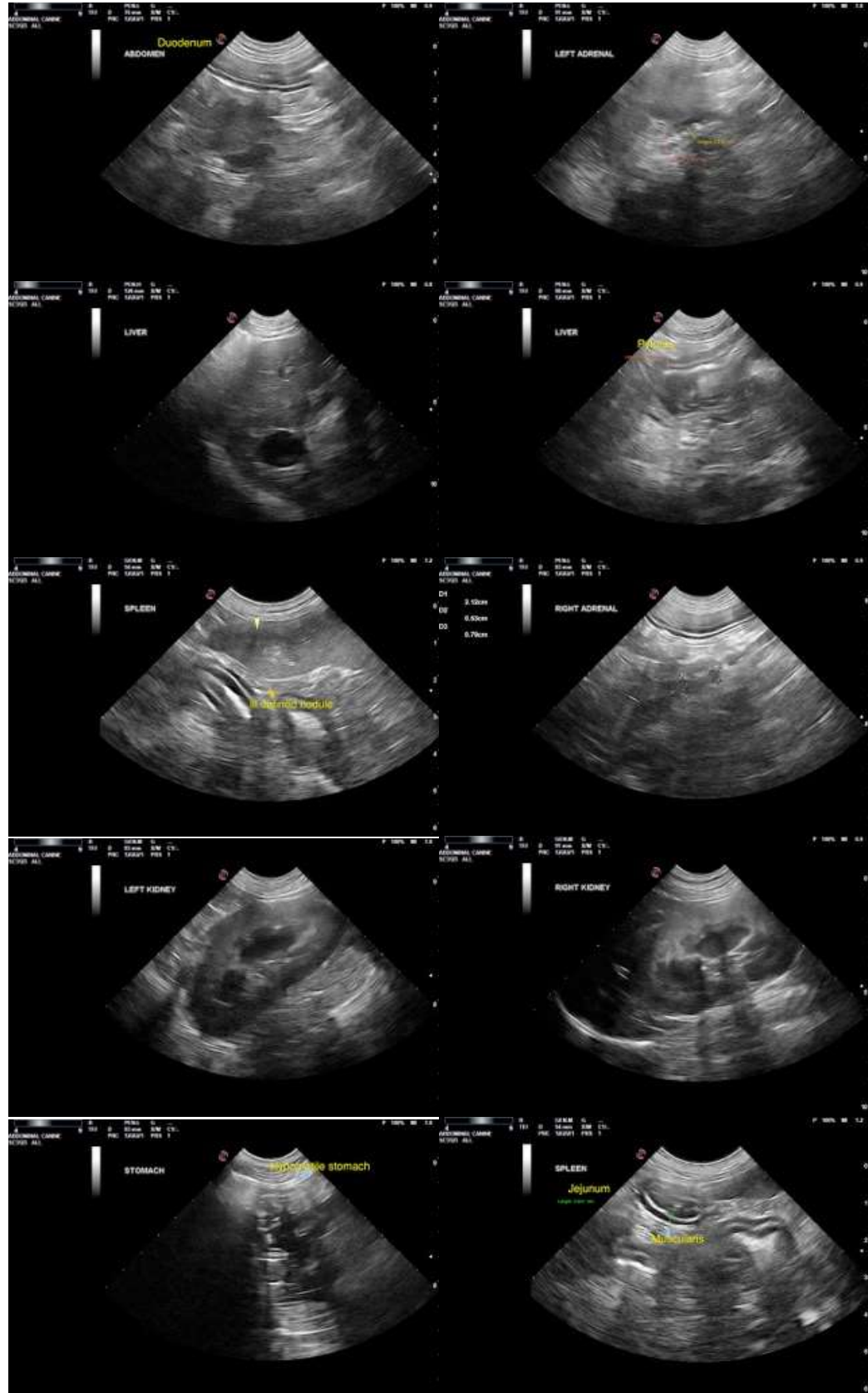
Dr. Stanglein

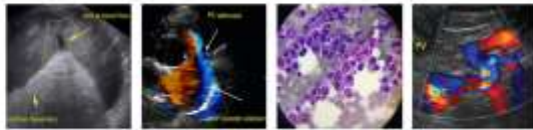
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PATIENT

Buck Gordon

SPECIES

Canine

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.

BREED

Rottweiler

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.

SEX

Neutered Male

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mac.daniel@sonopath.com

AGE

8 years

WEIGHT

75 Pounds

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