

PATIENT

Sampson 60011247

PRESENTING CLINICAL SIGNS

- Heartworm Positive

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Pitbull Terrier

Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 5 cm, are normal.

SEX

Neutered Male

The prostate is enlarged (3.14 cm in width) with smooth peripheral contours. Parenchyma is hyperechoic relative to surrounding omental fat and homogenous in appearance. The prostatic urethra is not overtly dilated.

AGE

2

The left kidney is normal in size (6.62 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

49.4 lbs

The right kidney is normal in size (6.80 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Andrea Nicastro DVM
Diplomate ACVIM
(Sm Animal Internal Med)

Adrenal Glands

The left adrenal gland is normal in size (0.64 cm at cranial pole) (0.52 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Greg Shaffer - CM

The right adrenal gland is normal in size (1.55 cm at cranial pole) (0.65 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Dr. O'Sullivan

Spleen

The spleen is normal in size (1.47 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

REFERRING VET

Saint Frances AC

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion.

INVOICE

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The gallbladder lumen is moderately distended. The wall is thin and smooth. A moderate amount of gravity-dependent, echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

DATE

1-21-26

Gastrointestinal

The gastric lumen is mildly distended with ingesta and a few soft, shadowing structures. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There



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is no evidence of an obstructive pattern.

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Pancreas

The pancreas is diffusely foreign body, with normal peripheral contours. The parenchyma is mildly hypoechoic relative to surrounding omental fat and homogenous in appearance. The pancreatic duct is not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

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Lymph Nodes

A few prominent jejunal lymph nodes are visualized (one measuring 1.87 x 0.79 cm).

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Free Abdomen

There is no obvious evidence of free fluid.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

2

- Minor retained gastric ingesta. The shadowing material within the gastric lumen likely represents normal ingesta and/or foreign material. It appears nonobstructive at the time of this study.

WEIGHT

49.4 lbs

- The pancreas is as expected for a young canine patient.

- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

- The prostate changes are most consistent with benign prostatic hyperplasia. Bacterial prostatitis is also a differential but considered unlikely in the absence of lower urinary tract signs.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No further recommendations unless the patient is exhibiting signs of illness.

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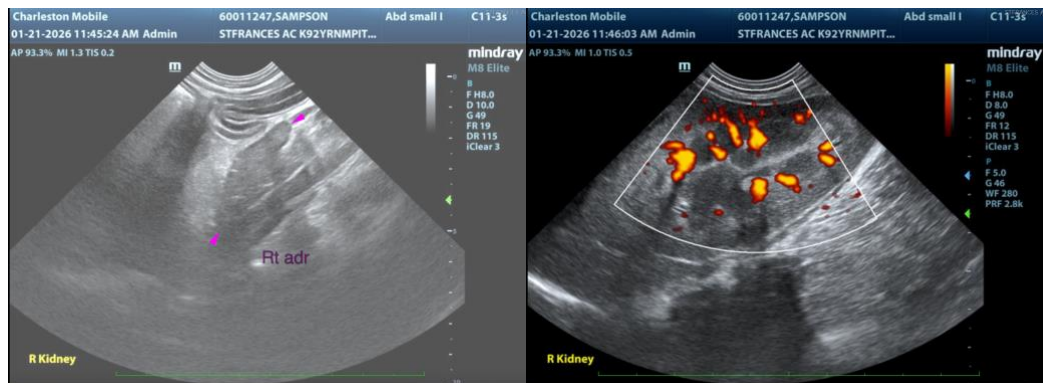
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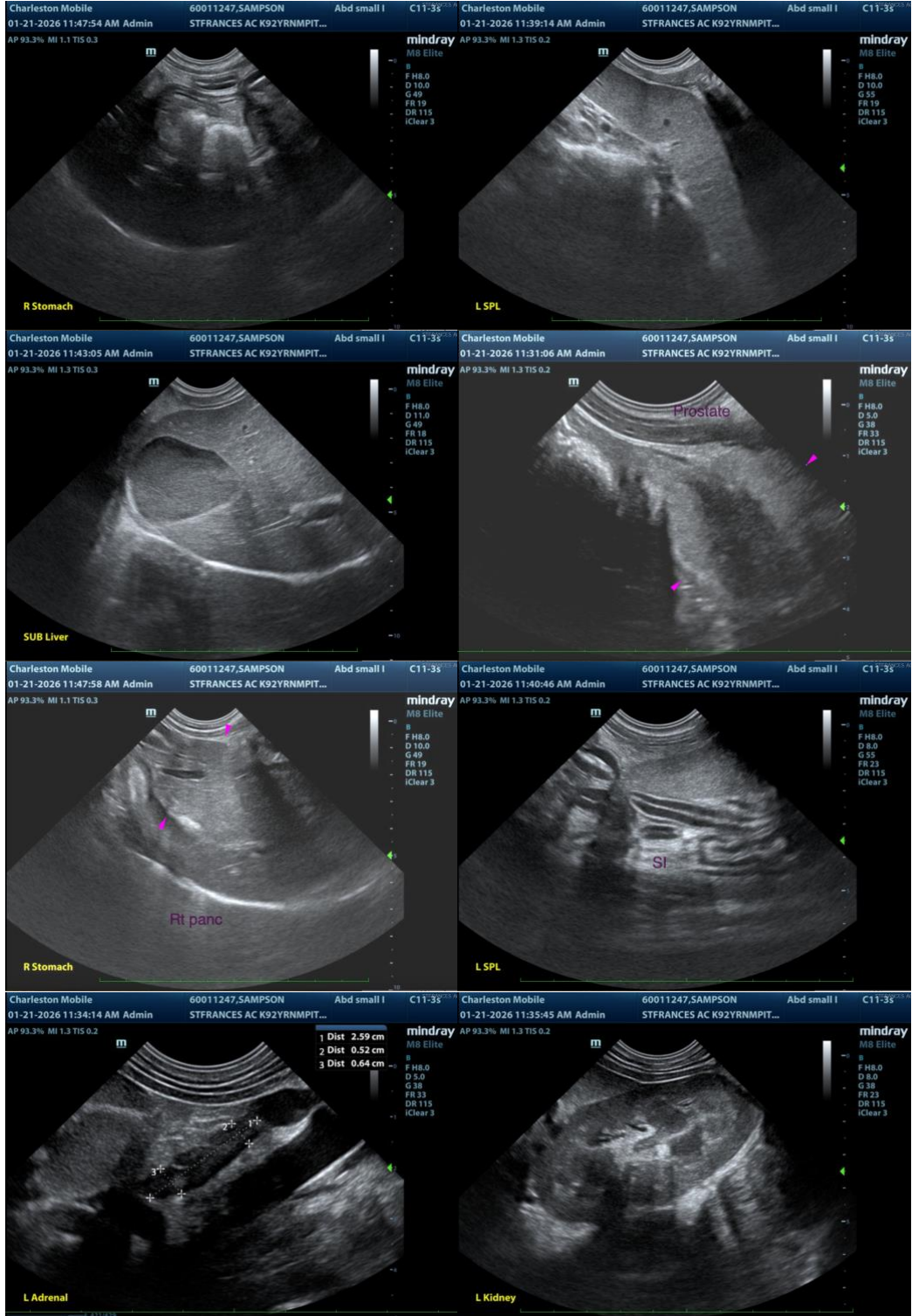
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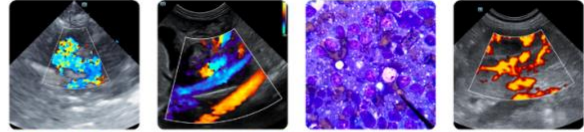
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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