

PATIENT PRESENTING CLINICAL SIGNS

Rocky Dangelo

History: Rocky" Frank D'Angelo DOB=2/5/18 Male, not neutered Rottweiler 100lbs History: Owner noticing small amounts of blood in urine approximately every other day since 1-25-22. Urine analysis confirmed bacteria on 1-26-22. Culture and sensitivity sent to IDEXX showed pseudomonas and acinetobacter. Prescribed amoxicillin 500mg 2 capsules bid and enrofloxacin 136mcg, 2 tablets bid, each for 1 week. Still spotting in urine. No lethargy, dog not focused on licking or showing any other symptoms. Gross examination of penis and rectal palpation NSF

SPECIES

Canine

BREED

Rottweiler

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Male, intact

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal. The penile urethra is evaluated. No obvious abnormalities were seen.

AGE

4 Years

The prostate is enlarged (4.50 cm length; 3.65 cm width) with a normal shape and smooth peripheral contours. The parenchyma is hyperechoic relative to surrounding omental fat and subtly heterogeneous in appearance. No distinct focal lesions are observed. The prostatic urethra is not overtly dilated. A small amount of subcapsular fluid is present.

WEIGHT

100 Pounds

The left kidney is normal size (8.82 cm in length); normal shape and architecture with 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.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

The right kidney is normal size (8.43 cm in length); normal shape and architecture with 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.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

Adrenal Glands

The left adrenal gland is normal size (0.62 cm at cranial pole) (0.66 cm at caudal pole) (3.36 cm in length); normal shape; 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

Roundhill AH

The right adrenal gland is normal size (0.95 cm at cranial pole) (0.60 cm at caudal pole) (3.72 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

REFERRING VET

Dr. Carl Kelly

Spleen

The spleen is normal in size (1.81 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.

INVOICE

13038

Liver

DATE

2/22/22



PATIENT

Rocky Dangelo

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. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are mostly anechoic. The cystic and common bile ducts are normal/not seen.

SPECIES

Canine

Gastrointestinal

BREED

Rottweiler

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is minimally fluid distended. 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 thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

SEX

Male, intact

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

AGE

4 Years

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. 1-2 prominent medial iliac lymph nodes are visualized. One of the nodes measures 1.71 cm in length. 1-2 prominent jejunal lymph nodes are also seen, the largest measuring approximately 1.5 cm in length.

WEIGHT

100 Pounds

Other

The testicles are subjectively normal in size and symmetrical (left testicle 3.42 x 2.10 cm; right testicle 3.56 x 2.19) with homogeneous parenchyma. No focal lesions are observed.

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ULTRASONOGRAPHIC FINDINGS

- The prostate changes are most consistent with benign prostatic hyperplasia. Given the history of a positive urine culture, bacterial prostatitis is also suspected.
- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Castration is recommended along with a 4-week course of a fluoroquinolone as treatment for bacterial prostatitis.

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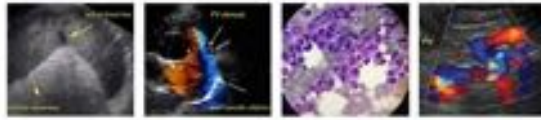
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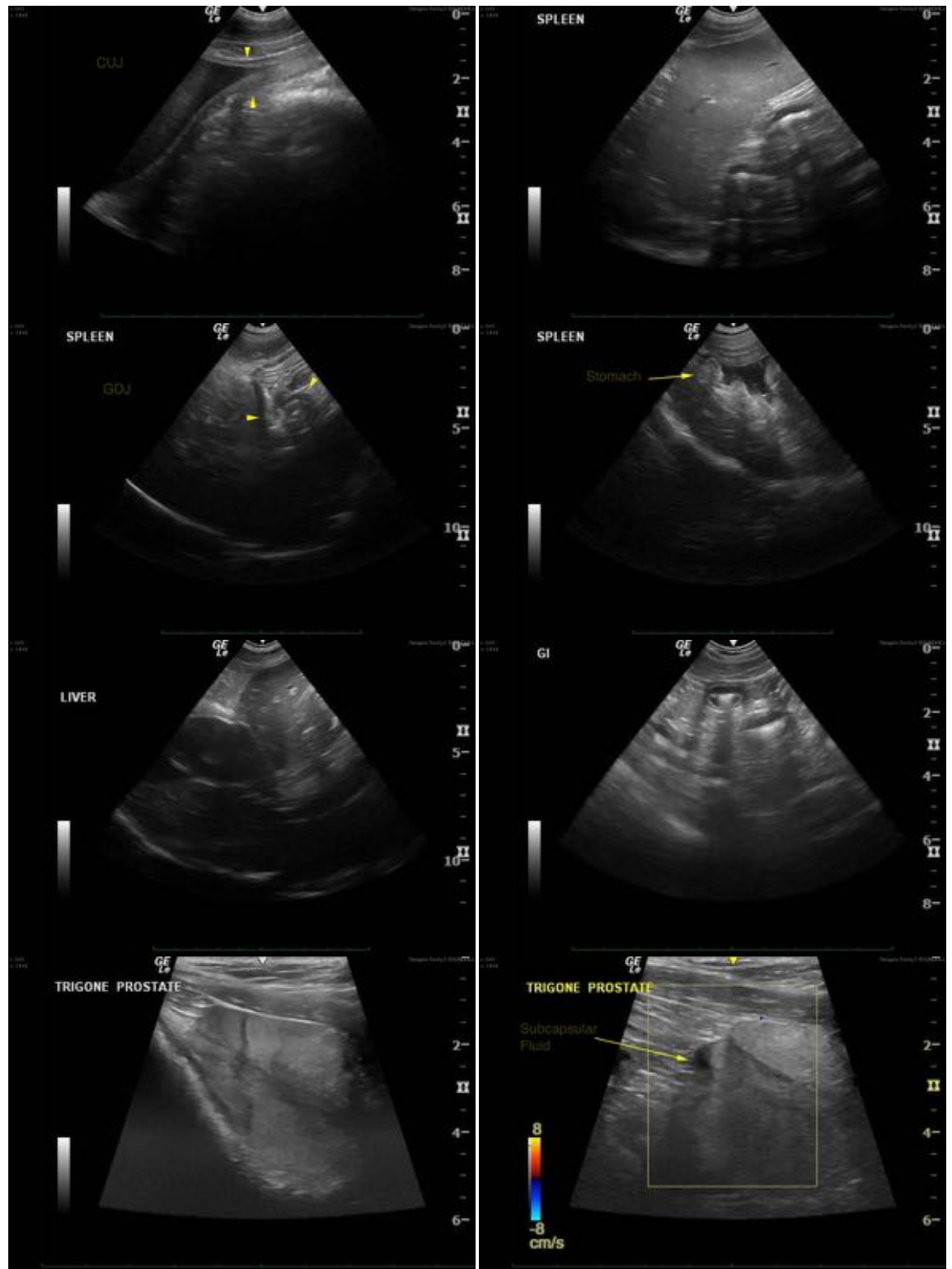
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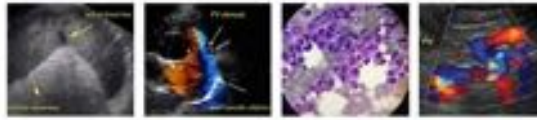
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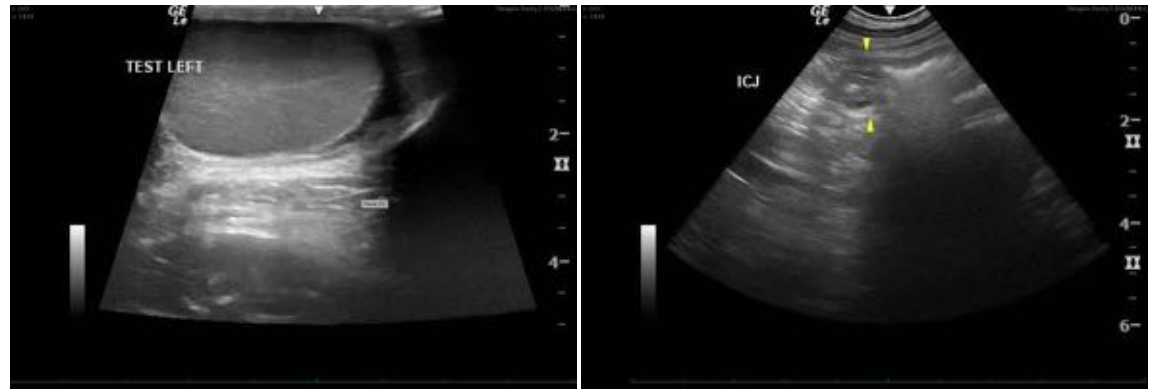
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Rottweiler



SEX

Male, intact

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.

AGE

4 Years

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.

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

WEIGHT

100 Pounds

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