

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Sparky Perez History: Distended abdomen.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Thrombocytosis.

Yorkshire terrier Serum Biochemistry: Hypoalbuminemia, elevated urea, low-normal calcium.

SEX Radiographic Findings: Moderate cardiomegaly, left atrial enlargement, moderate hepatomegaly, decreased abdominal serosal detail.

Intact Male

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

AGE *Urinary System*

11 years Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT Normal trigone area, proximal urethra, and iliac blood vessels.

9.5 # Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY Normal renal size (left 4 cm, right 5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, pyelectasia (left 0.7 cm) and normal blood flow and capsule.

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REPRODUCTIVE SYSTEM

Normal size of right testicle (1.6 x 2.5 cm) with a well circumscribed hyperechogenic parenchymal mass (1.2 x 1.9 cm). Small intra-abdominal left testicle (1.2 cm). Prostategaly (1.4 x 2.1 cm) with a mottled echogenic appearance and multiple parenchymal cysts of varying sizes.

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

ADRENAL GLANDS

Normal shape, echogenic appearance, position, and size. Left 1.85 x 0.49/0.53 cm, right 1.59 x 0.44/0.38 cm.

HOSPITAL NAME

Fairview Animal Clinic

REFERRING VET

Dr Mosaad

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Small focal hypoechogenic parenchymal nodule in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

INVOICE

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Liver

Enlarged with rounded edges, increased echogenic appearance, loss of portal markings, and regular curvilinear capsule. Multiple parenchymal hypoechogenic nodules of varying sizes. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

DATE

12/29/22



PATIENT *Gastrointestinal*

Sparky Perez Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristalsis, and no distension of the lumen. Focal hypoechogenic nodule in the wall of the stomach with the rest of the stomach having a normal appearance and layering.

SPECIES

Canine

Pancreas

BREED

Yorkshire terrier

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX

Intact Male

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

Primary findings:

WEIGHT

9.5 #

- Nodular hepatopathy.
- Right testicle mass.
- Gastric nodule.
- Renal disease vs age-related renal changes.

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Secondary findings:

- Splenic nodule.
- Benign cystic prostatic hyperplasia.
- Intra-abdominal testicle.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the nodular hepatopathy would be nodular hyperplasia, chronic hepatitis granulomatous disease, and infiltrative neoplasia.

REFERRING VET

Dr Mosaad

The most likely etiology for the testicular mass would be neoplasia.

Etiologies for the gastric nodule would be reactive lymphoid tissue, granuloma, abscess, and neoplasia.

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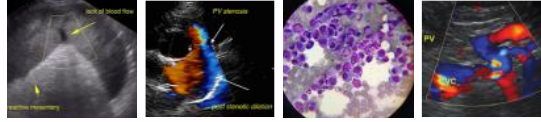
Although the appearance of the kidneys may merely be age-related, early chronic kidney disease and pyelonephritis needs to be considered.

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Further assessment would be urine analysis, 3-view thoracic radiographs, and FNA cytology of the liver and gastric nodule.

Specific therapy would be dependent on an etiological diagnosis. Management of the prostatic hyperplasia and testicular pathology would be castration.



PATIENT IMAGES

Sparky Perez **Right testicle**

SPECIES

Canine

BREED

Yorkshire terrier

SEX

Intact Male

AGE

11 years

WEIGHT

9.5 #

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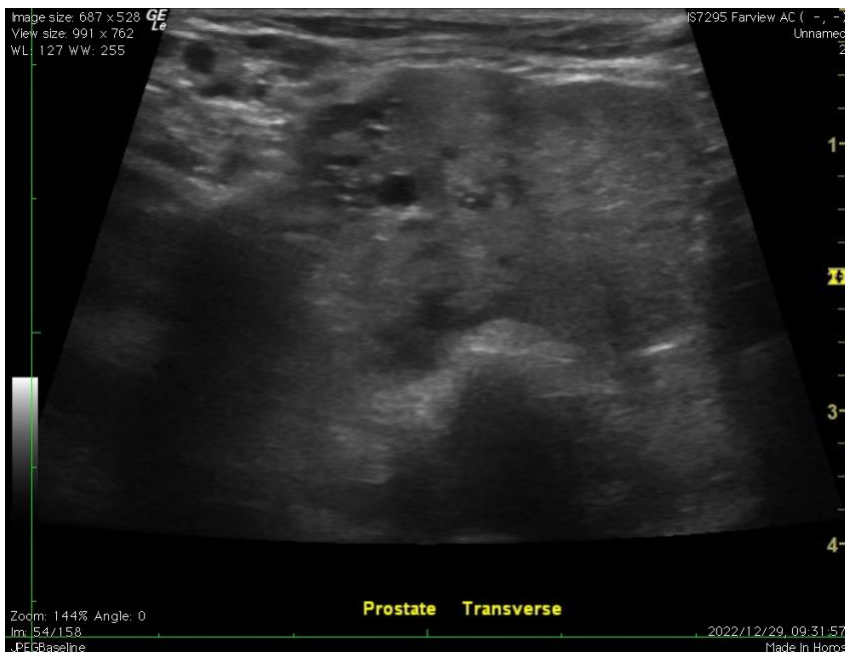
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Prostate





PATIENT Stomach

Sparky Perez

SPECIES

Canine

BREED

Yorkshire terrier

SEX

Intact Male

AGE

11 years

WEIGHT

9.5 #

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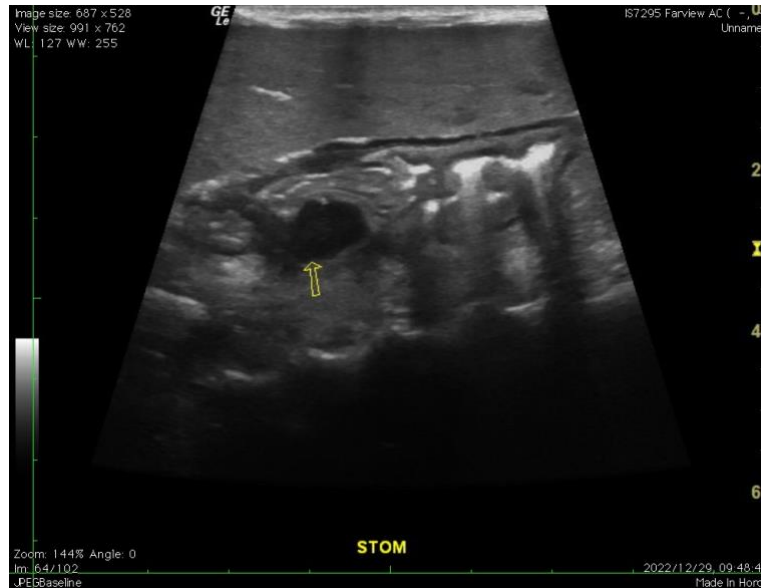
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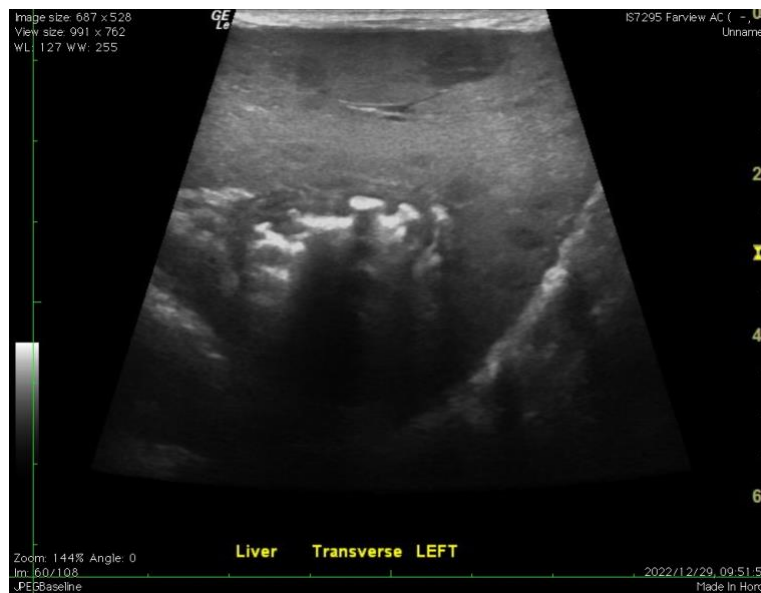
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Liver



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.

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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