



PATIENT PRESENTING CLINICAL SIGNS

Spikey Encalada History: 3-day duration of swollen testicles.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Shih Tzu Radiographic Findings: N/A.

SEX

Male

AGE

17 years

WEIGHT

17.7 #

INTERPRETED BY

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ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size with increased echogenic appearance, loss of cortico-medullary differentiation, and normal capsule, and pelvis.

Reproductive System

Small right testis (0.9 cm).

Enlarged left testis with a hyperechoic appearance, small anechoic parenchymal cysts, and fluid accumulation around it and the epididymis.

Prostamegaly with an increased echogenic appearance, regular smooth capsule, and normal appearance of the peri-prostatic tissue.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 2.09 x 0.62 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

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Dr Paul Kim

HOSPITAL NAME

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Hospital

REFERRING VET

Dr Paul Kim

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DATE

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PATIENT *Gastrointestinal*

Spikey Encalada Normal appearance of the pylorus, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness, and no loss of layering or distension of the lumen.

SPECIES

Canine *Pancreas*

BREED

Shih Tzu

Normal size (left 0.53 cm, right 1.7 cm) with a diffuse hyperechogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX

Male

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

AGE

17 years

ULTRASONOGRAPHIC FINDINGS

- Left testicular pathology.
- Prostamegaly.
- Age-related renal changes vs renal disease.
- Pancreatic fibrosis.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the left testis would be bacterial orchitis, Brucellosis, torsion, trauma.

The most likely etiology for the prostamegaly would be benign prostatic hyperplasia with prostatitis, a less likely differential diagnosis.

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Although the appearance of the kidneys may be an age-related finding, renal disease needs to be considered and followed up with urinalysis and renal function testing (serum urea, creatinine, SDMA).

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The appearance of the pancreas is consistent with fibrosis.

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Further assessment/therapy would be castration, which would address both the testicular pathology and the prostamegaly. Histopathology and culture of the testis would also be recommended,

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PATIENT IMAGES

Spikey Encalada **Prostate**

SPECIES

Canine

BREED

Shih Tzu

SEX

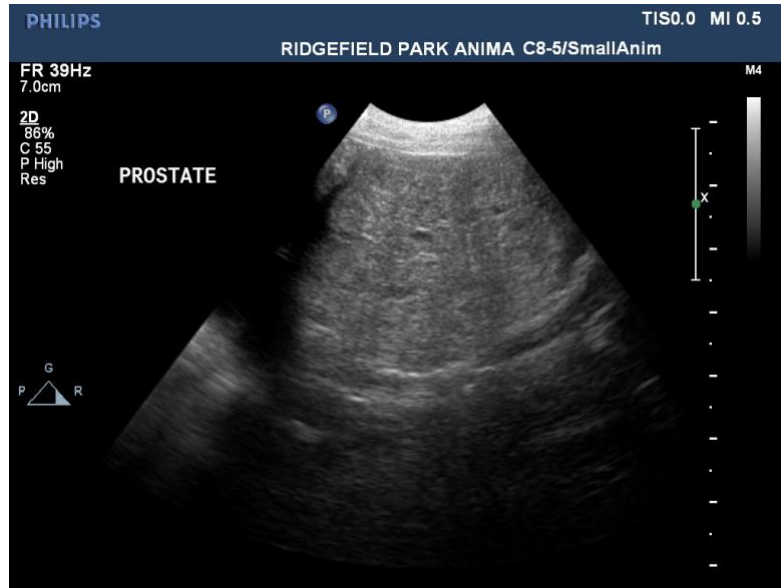
Male

AGE

17 years

WEIGHT

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Left testicle

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PATIENT **Kidney**

Spikey Encalada

SPECIES

Canine

BREED

Shih Tzu

SEX

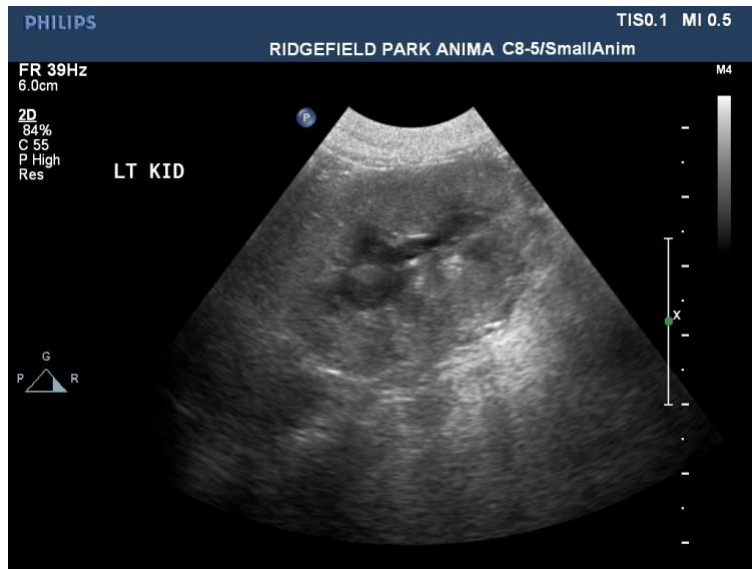
Male

AGE

17 years

WEIGHT

17.7 #



Pancreas

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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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