



PATIENT PRESENTING CLINICAL SIGNS

Lance Mancini

History: concern for testicular neoplasia; small left and larger (normal) right testicle. R/O metastases prior to neuter.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

BREED

Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Intact male

The **prostate** was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture. Deviation of the descending colon was noted owing to prostatomegaly. The prostate measured 4.0 cm. The left testicle is uniform and measured 2.0 cm in length. The epididymis was normal. The right testicle was swollen and measured 2.4 cm in length with a normal epididymis. There was no significant loss of architecture.

AGE

8 years

WEIGHT

lbs

The iliac trifurcation was unremarkable.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.68 cm.

IMAGING PERFORMED BY

Diane McFadden, RVT

Adrenal Glands

HOSPITAL NAME

Ringwood AH

The left **adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.52 x 0.52 cm at the caudal pole and 0.39 cm at the cranial pole. The right adrenal gland was mildly enlarged and measured 4.17 x 2.56 cm at the cranial pole and 0.74 cm at the caudal pole.

INVOICE

94574

DATE

12/14/21

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.



PATIENT

Liver

Lance Mancini

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

SPECIES

Canine

BREED

Mix

Gastrointestinal

SEX

Intact male

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

AGE

8 years

Pancreas

WEIGHT

lbs

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Free Abdomen

A large amount of abdominal fat was noted in this patient.

IMAGING PERFORMED BY

Diane McFadden, RVT

ULTRASONOGRAPHIC FINDINGS

Slightly enlarged right adrenal gland.

HOSPITAL NAME

Ringwood AH

BPH prostate.

Swollen right testicle.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutering is strongly recommended. Biopsy of the right testicle is warranted post surgery. There was no evidence of metastatic disease. There were no obvious nodules noted in the right testicle.

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WEIGHT

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HOSPITAL NAME

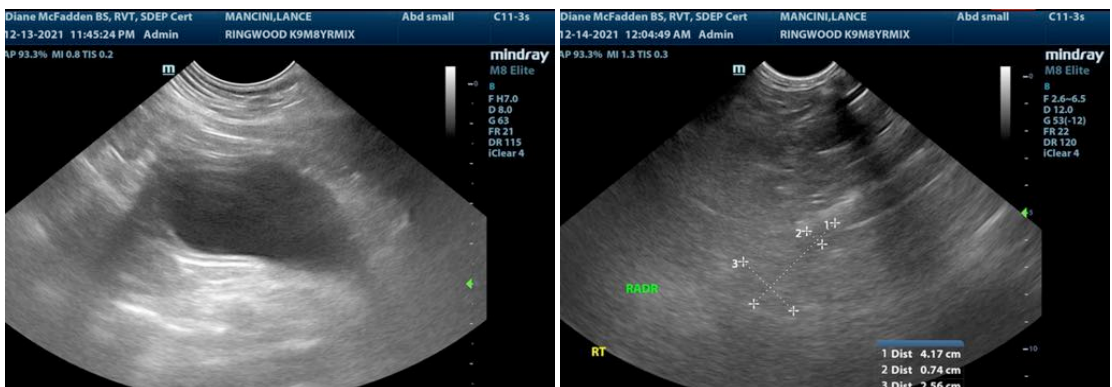
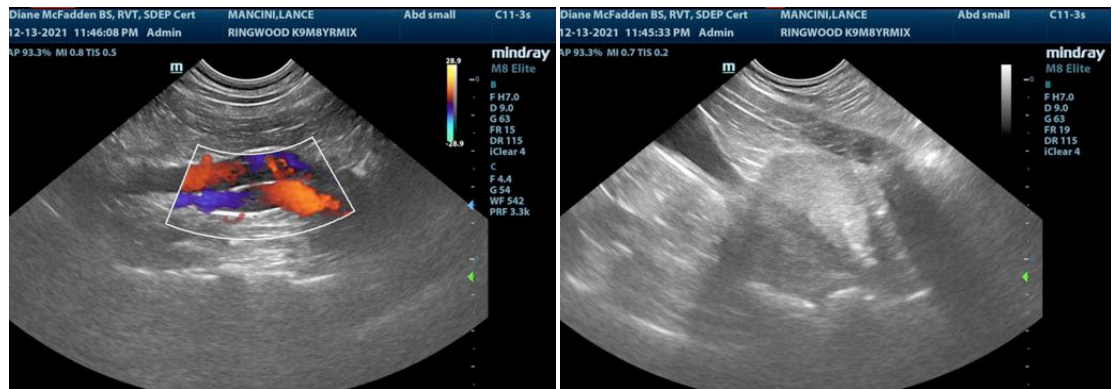
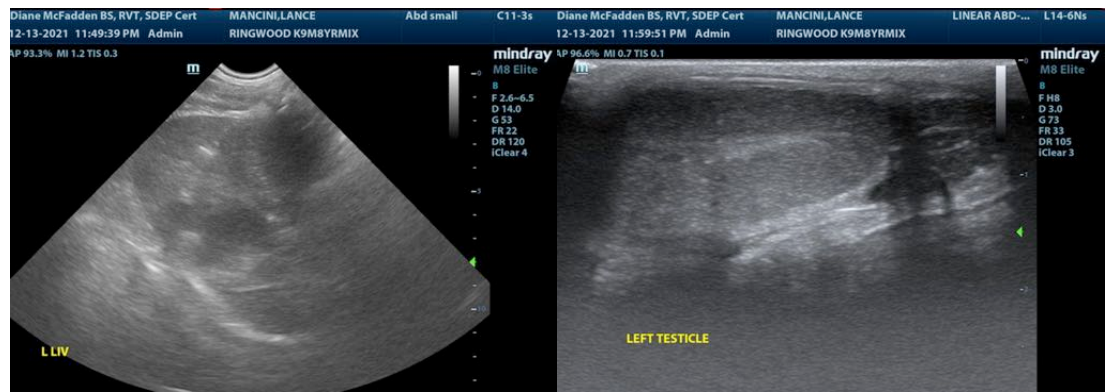
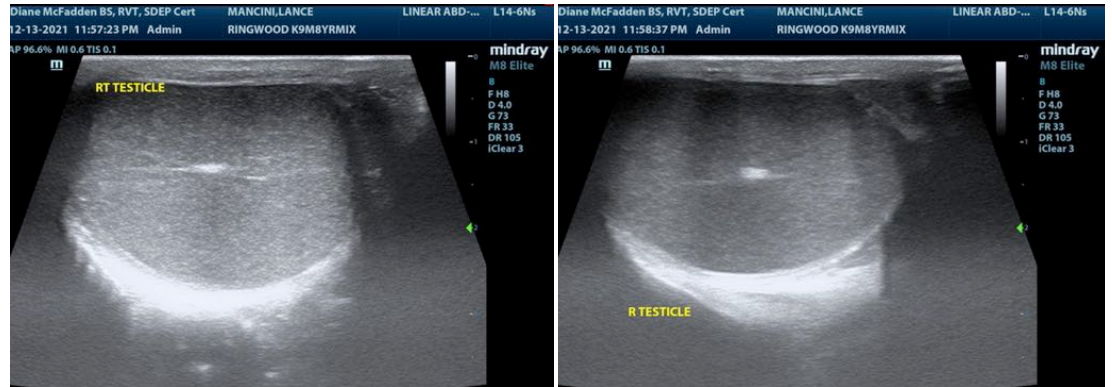
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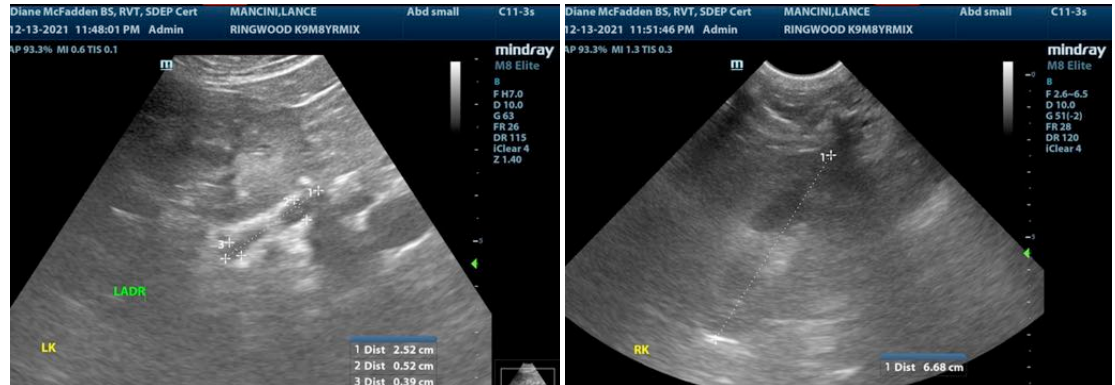
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Info@SonoPath.com