



PATIENT PRESENTING CLINICAL SIGNS

Pink Long Abnormal testicle palpated on physical exam

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

BREED

English Mastiff

The prostate is normal in size (0.60 cm) and shape. The parenchyma is homogenous and the external margins are smooth. The prostatic urethra appears normal with no evidence of irregularity, invasion, mass effect or calculi.

SEX

Male

The left kidney has a normal shape and size (6.05 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

2 Months

The right kidney has a normal shape and size (5.97 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

16.3 Pounds

Adrenal Glands

The left adrenal gland is normal in size measuring 0.31 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

INTERPRETED BY

Kathleen Sennello DVM,
 MS, Diplomate ACVIM
 (Small Animal Internal
 Medicine)

The right adrenal gland is normal in size measuring 0.30 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Spleen

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

HOSPITAL NAME

Lehigh Valley AH

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

REFERRING VET

Dr. Meyer

The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

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PATIENT *Gastrointestinal*

Pink Long The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

SPECIES

Canine The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (between 0.3-0.5cm in wall thickness) and the jejunum measured as normal (between 0.2-0.47cm.)

BREED

English Mastiff Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

SEX

Male The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

Pancreas

AGE

2 Months The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

Free Abdomen

WEIGHT

16.3 Pounds There is scant free abdominal fluid. No lymphadenopathy noted. Mesentery is normal.

Other

The right testicle is visualized within the scrotum, measuring 1.78 cm with normal architecture. The left testicle is visualized in a similar position on the left side/possibly inguinal. This testicle measures 1.78 cm as well, but is hyperechoic and shadowing with non-distinct internal heterogeneous architecture. No inflammation is seen surrounding the testicle.

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ULTRASONOGRAPHIC FINDINGS

- Dystrophic malformation and. mineralization of the left testicle
- Scant free fluid- can be normal in a puppy
- Moderate gastric ingesta- suspect non fasted

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Dr. Meyer

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The left testicle appears relatively normal in size, but internal architecture is abnormal, Findings are most consistent with dystrophic malformation and mineralization which is not overtly pathological. If eventual neuter is intention. Monitor for discomfort ad swelling til neuter age. May influence virility if intended for reproduction

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PATIENT

Pink Long

SPECIES

Canine

BREED

English Mastiff

SEX

Male

AGE

2 Months

WEIGHT

16.3 Pounds

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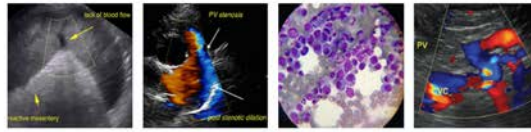
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SPECIES

Canine

BREED

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SEX

Male

AGE

2 Months

WEIGHT

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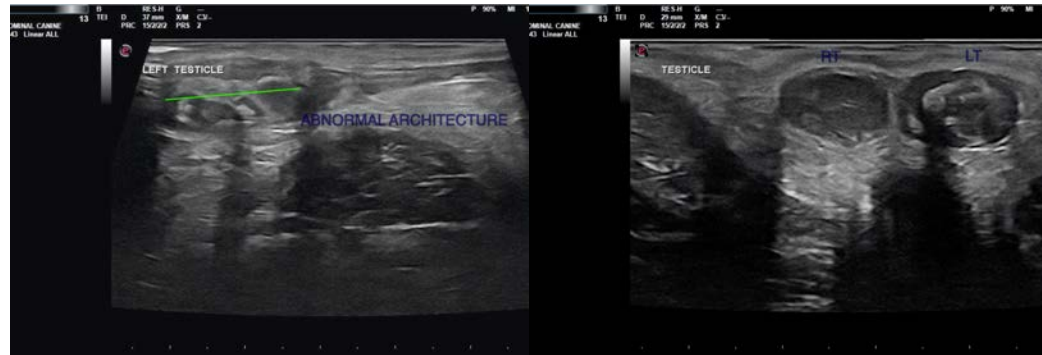
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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