



PATIENT PRESENTING CLINICAL SIGNS

Albert Waslers Palpable abdominal mass on routine physical

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES
Urinary System

Canine The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

BREED

Basset Hound The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.1 cm in diameter.

SEX

The area of the aortic trifurcation was free of pathology.

MN

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

AGE

2018

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 5.9 cm in length. The right kidney measured 5.8 cm in length.

WEIGHT

52

Adrenal Glands

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm width at the caudal pole and 0.39 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.44 cm width at the caudal pole and 0.39 cm width at the cranial pole.

Spleen

IMAGING PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

HOSPITAL NAME

Easton AH

Liver/ Gallbladder

REFERRING VET

Dr. Yazwinski

The liver presented normal in size. The hepatic parenchyma revealed diffuse reduced echogenicity compared to the spleen and renal cortical parenchyma with a mild coarse echotexture. Increased portal vein prominence was evident. The capsule of the liver was normal in margination. Distinct masses or nodules were not evident. The hepatic and portal vasculature were normal in appearance. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

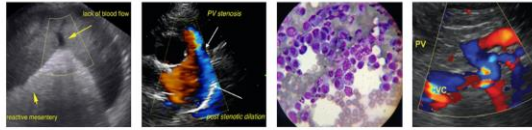
Gastrointestinal

12794ag

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

DATE
 1/27/23

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.



PATIENT

Normal visible colon wall layers were present with apparent formed feces in lumen.

Albert Waslers

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

SPECIES

Canine

Free Abdomen

No peritoneal effusion was present.

BREED

Basset Hound

A moderately sized mildly irregular hypoechoic mass was present in the mid-abdomen measuring ~ 8-9 cm in diameter. Regional prominent to hypoechoic homogenous mesenteric lymph nodes were present, an example measuring 3.1 cm x 1.4 cm exhibiting borderline abnormal width:length ~ 0.5 cm.

SEX

ULTRASONOGRAPHIC FINDINGS

MN

Primary Findings

AGE

- Mid abdominal mass with associated peripheral mesenteric lymphadenopathy
- Hypoechoic liver
- Sonographically normal spleen/GI tract

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

52

The confirmed intra-abdominal mass is non-specific with suspected lymphatic origin without evidence of involvement or origin from the spleen, GI tract, liver, kidneys or adrenal glands. Benign vs neoplastic etiologies possible. Correlation with pending mass FNA as well as ideally regional mesenteric lymph node FNA for further assessment is recommended. Three view chest radiographs are recommended if not done to assess for occult thoracic pathology. No obvious major intra-abdominal organ involvement or metastatic disease associated with the abdominal mass, although potential for non-lymphatic origin is possible.

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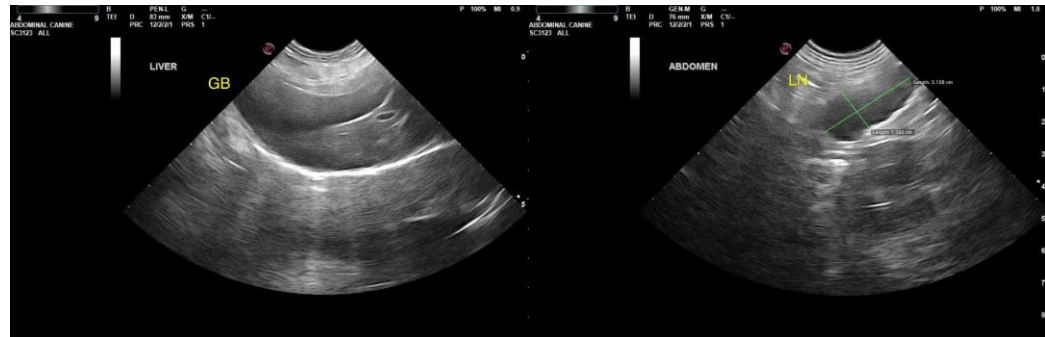
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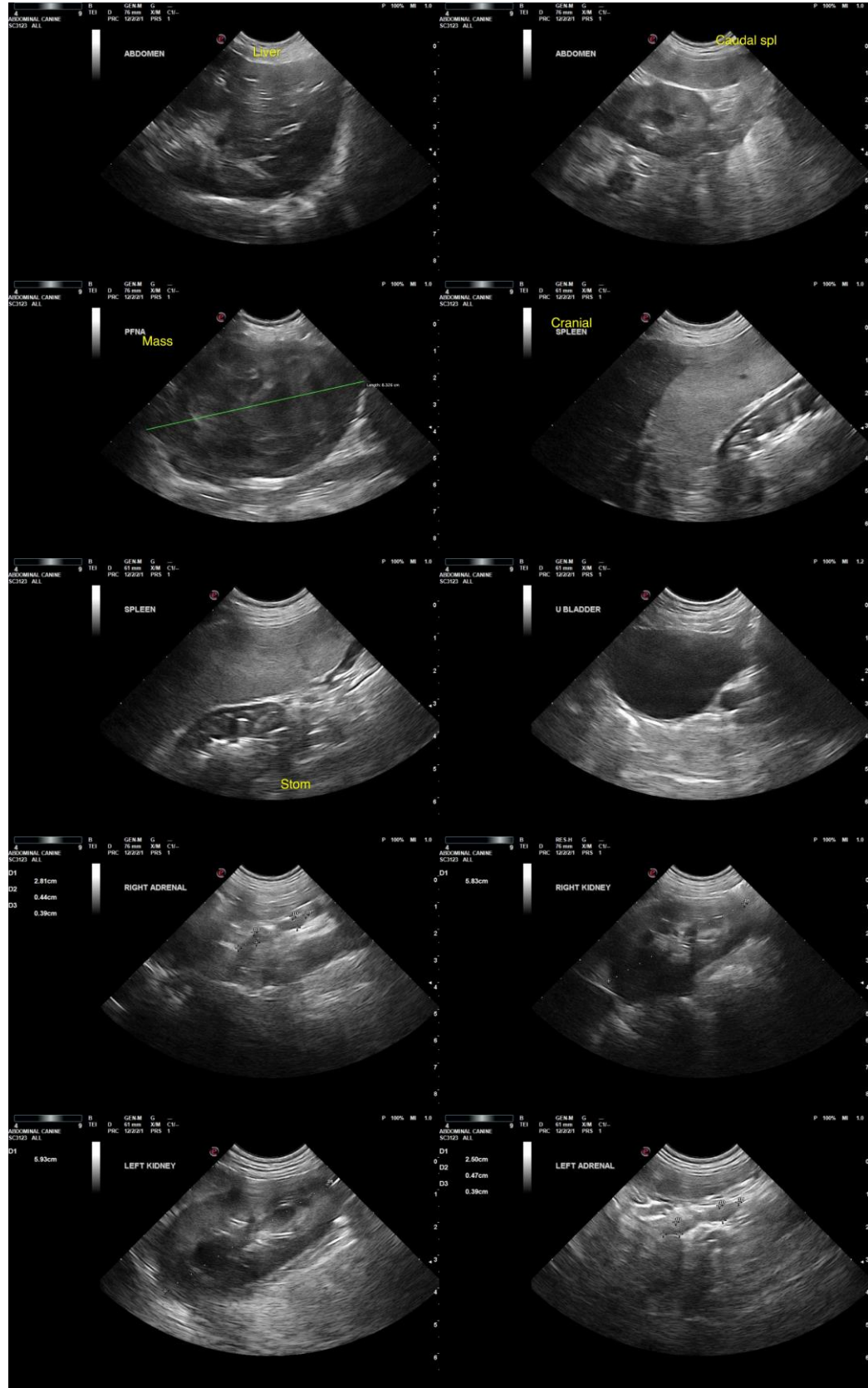
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Basset Hound

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

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