

PATIENT PRESENTING CLINICAL SIGNS

Kiki Jobes Presented on 03/14/23 for acute uveitis bilateral anterior uveitis. P also presents L sided cardiomegaly but declined ECHO. P is overweight ~Hepatomegaly, - MEDS Prednisone on a tapering dose. ~

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: MCH 30.4 (21.2-25.9) MCHC 44 (32 -37.9) Retic 136.5 (10-110) PCT % 0.55 (0.14 - 0.46) TP 9.0 (5.2 - 8.2) ALB 4.5 (2.3 - 4) TBIL 1.4 (0.0 - 0.9)~

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Mini Schnauzer

Urinary System

SEX

The urinary bladder is moderately distended with echogenic 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, or masses. There is a string of small shadowing stones visualized in the dependent portion of the urinary bladder. These vary in size from approximately 0.20-0.40 cm. More than 5 stones are visualized.

Intact Female

AGE

4 Years 6 Months

The left kidney has a normal shape and size (4.65 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

20.6 Pounds

The right kidney has a normal shape and size (4.73 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal. Occasional pinpoint mineralizations noted.

INTERPRETED BY

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

Adrenal Glands

IMAGING PERFORMED BY

The left adrenal gland is normal in size measuring 0.47 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.

Loetitia Saint-Jacques,
LVT

The right adrenal gland is normal in size measuring 0.47 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.

HOSPITAL NAME

Mountainview AH

Spleen

REFERRING VET

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.

Dr. Sara Kalivoda

Liver

INVOICE

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

46482

DATE

4/6/23



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

Kiki Jobes

SPECIES *Gastrointestinal*

Canine 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.

BREED

Mini Schnauzer 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. Duodenum wall measures 0.48 cm. Jejunum wall measures 0.37 cm. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

SEX

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AGE

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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.

WEIGHT

20.6 Pounds

Pancreas

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.

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Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion. A slightly prominent mesenteric lymph node is visualized at 0.56 cm.

Other

The left and right ovaries are visualized. The right ovary is cystic, measuring 1.19 cm x 0.86 cm. The margins of the left ovary are not clear, but measure approximately 0.83 cm x 1.5 cm. Additionally, the uterine body is visualized between the colon and the urinary bladder and appears within normal limits.

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ULTRASONOGRAPHIC FINDINGS

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Mountainview AH

- Numerous small cystic calculi with echogenic urine – recommend urinalysis and culture. These stones are borderline for being small enough to pass. Correlate the size and number of stones with radiographs.

REFERRING VET

Dr. Sara Kalivoda

- Large, heterogeneous liver – The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, nodular hyperplasia, inflammatory/immune-mediated disease, fibrosis, extramedullary hematopoiesis, toxic hepatopathy (e.g., copper), infiltrative neoplasia (less likely) or other hepatopathy.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes described regarding the liver are non-specific. No focal lesions are visualized and the biliary tract appears normal. Prior to additional workup, consider a recheck of the bilirubin level on a fasted sample with no evidence of lipemia. If the bilirubin elevation persists, consider a liver function test +/- a fine needle aspirate of the liver (provided coagulation parameters are normal), and screening for



PATIENT

Leptospirosis.

Kiki Jobs

There are numerous small calculi in the urinary bladder. Recommend urinalysis and culture. If culture is positive, recommend treating according to sensitivity results, and consider recheck ultrasound 2-3 weeks into antibiotic therapy to determine if the stones remain. These are borderline small enough to pass, but if they are persistent, a cystotomy with ovariohysterectomy could be considered.

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Canine

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HOSPITAL NAME

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REFERRING VET

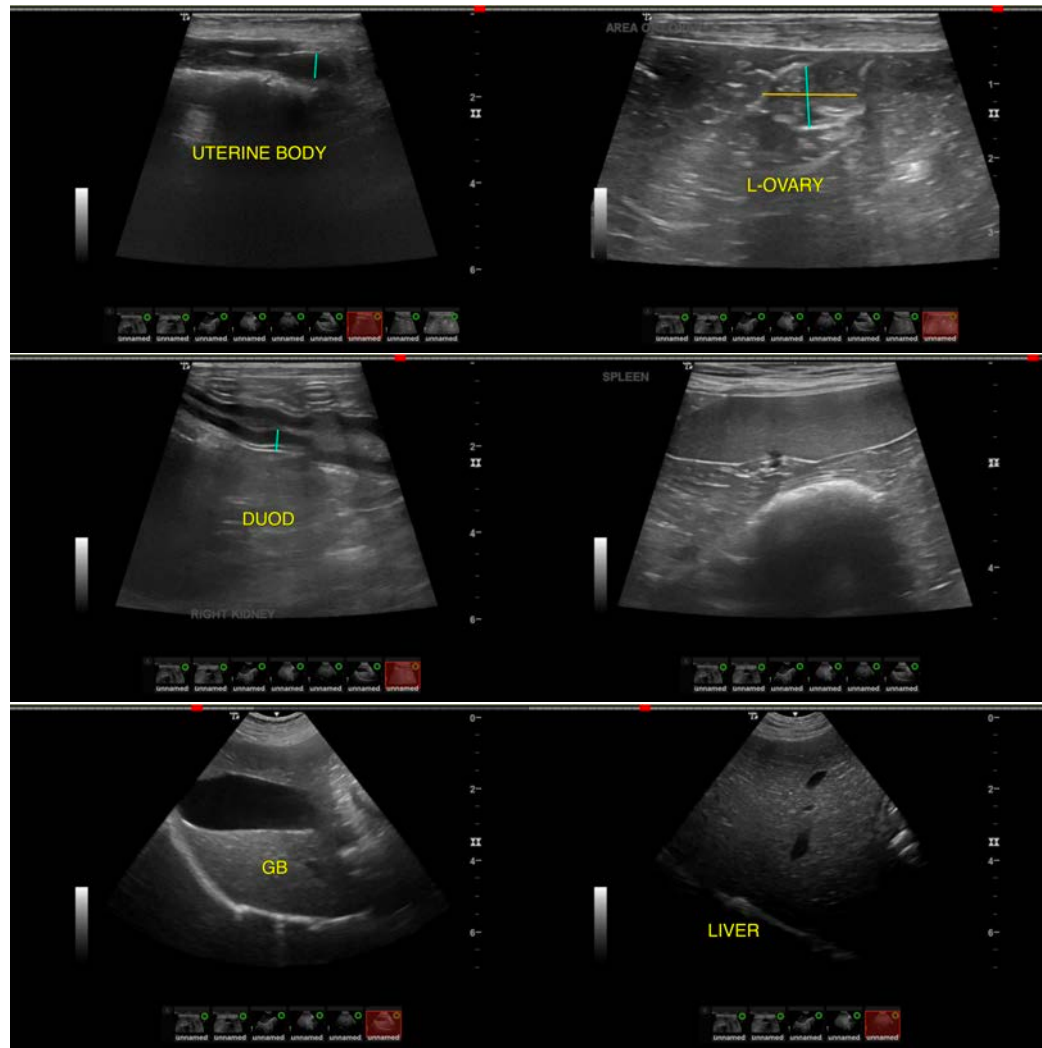
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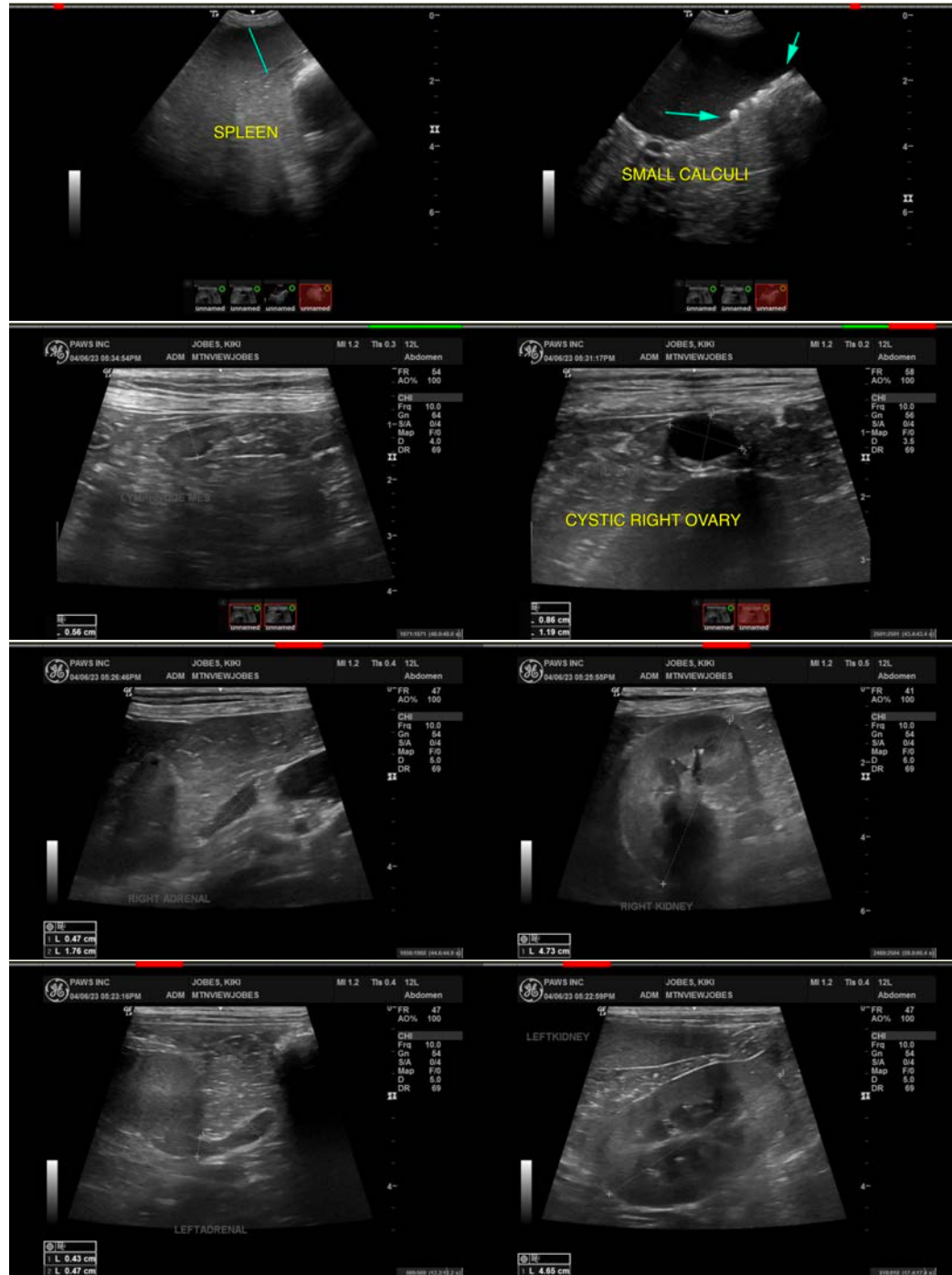
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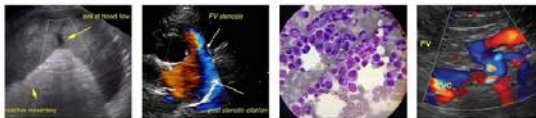
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Kiki Jobes

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

Mini Schnauzer

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

kathleen.sennello@sonopath.com

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