

PATIENT PRESENTING CLINICAL SIGNS

Sully Palumbo History: UTI treated w/Clavamox. recurred no current meds
Abnormal PE/Chem/CBC/UA Results: UA: RBC +1, WBC 21-50, bacterial rods SG: 1.028

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Labrador

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

SEX

Female

The left kidney is normal size (5.69 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

AGE

13 weeks

The right kidney is normal size (5.89 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

WEIGHT

12.8 lbs.

Adrenal Glands

The left adrenal gland is normal size (0.25 cm at cranial pole) (0.40 cm at caudal pole) (1.82 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DVM,
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(*Small Animal Internal
Medicine*)

The right adrenal gland is normal size (0.79 cm at cranial pole) (0.45 cm at caudal pole) (1.59 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING

PERFORMED BY

Jessica Miller

Spleen

The spleen is normal in size (1.48 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

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Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein: caudal vena cava ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Elia

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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small

DATE

8/24/21



PATIENT

Sully Palumbo

intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

Pancreas

SPECIES

Canine

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

BREED

Labrador

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. 1-2 prominent mesenteric lymph nodes are visualized.

SEX

Female

ULTRASONOGRAPHIC FINDINGS

- The prominent mesenteric lymph nodes are likely secondary to immunologic immaturity and/or reactive change.

*An obvious cause for the patient's recurring urinary tract infections is not identified in this study.

AGE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

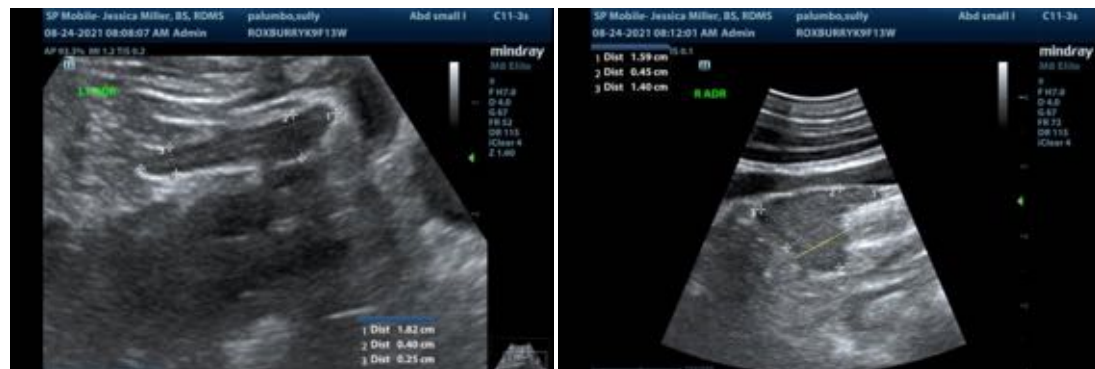
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- A urine culture is recommended to further evaluate for a urinary tract infection.
- Evaluation of the external genitalia is recommended to assess for predisposing factors (i.e., recessed vulva, abnormalities within the vaginal vault).

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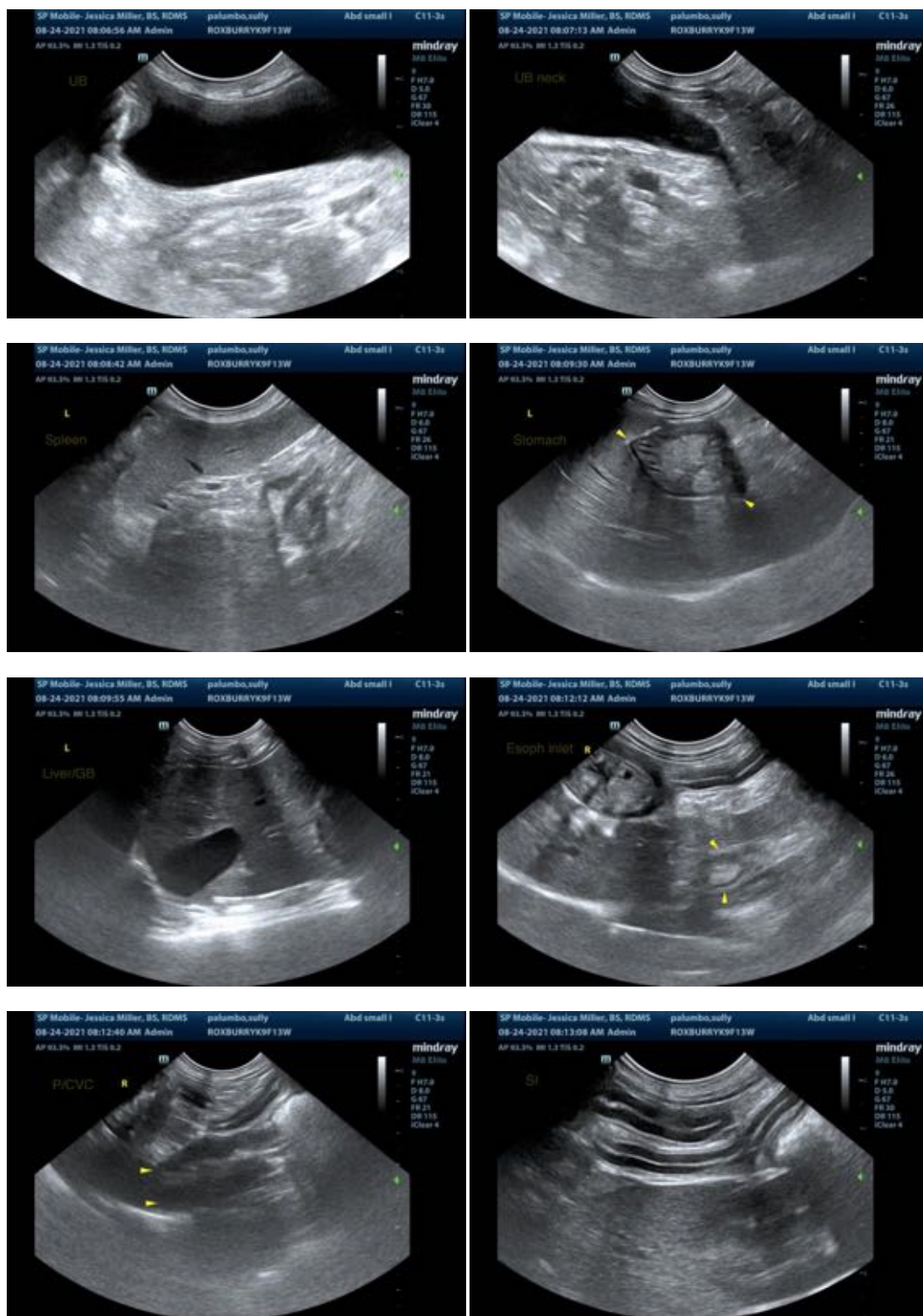
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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