



PATIENT PRESENTING CLINICAL SIGNS

Coliflor Liu Has been having persistent hematuria with no visible clinical signs. Bloodwork WNL. No meds.

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

Shep/JRT/Shiba Inu/Terrier

The right kidney has a normal shape and size (4.57 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. Rare pinpoint non-obstructive nephroliths are present. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal.

SEX

Spayed Female

The left kidney has a normal shape and size (4.47 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. Rare pinpoint non-obstructive nephroliths are present. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal.

AGE

3 Years

Adrenal Glands

WEIGHT

10.3 kg

The left adrenal gland is normal in size measuring 0.48 cm. 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.

The right adrenal gland is normal in size measuring 0.40 cm. 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.

INTERPRETED BY

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

Spleen

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

IMAGING PERFORMED BY

Crystal Hill

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.

HOSPITAL NAME

Buck Animal Hospital

The gall bladder 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.

REFERRING VET

Dr. Yenssen

Gastrointestinal

The stomach appears contains minimal luminal contents. It measures at a normal thickness of XX cm 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.

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PATIENT

Coliflor Liu

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

SPECIES

Canine

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.

BREED

Shep/JRT/Shiba
Inu/Terrier

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.

SEX

Spayed Female

Other

There are hyperechoic shadowing structures dorsal to the urethra. This is the region of the uterine stump, and there is concern for mineralization in this area. There is minimal apparent inflammation, and no free fluid or lymphadenopathy.

AGE

3 Years

ULTRASONOGRAPHIC FINDINGS

- Mineralization dorsocaudal to the trigone/urethral area - most consistent with mineralized granuloma/tissue of the uterine stump.

WEIGHT

10.3 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There appears to be some mineralized tissue distal and dorsal to the urethra. This could represent mineralized tissue of the uterine stump area. (Is it possible that this is bloody vaginal discharge rather than hematuria?) This could be an incidental finding or could be a source of hemorrhage. Consider vaginoscopy to further evaluate, and possibly the need for surgical debridement by a board certified veterinary surgeon. Alternately, this could be benign essential hematuria coming from the kidneys, as no other lesions are visualized. Cystoscopy could be performed at the same time as vaginoscopy to better evaluate the intrapelvic urethra, the bladder and the ureters. Recommend urinalysis and culture (if not already done).

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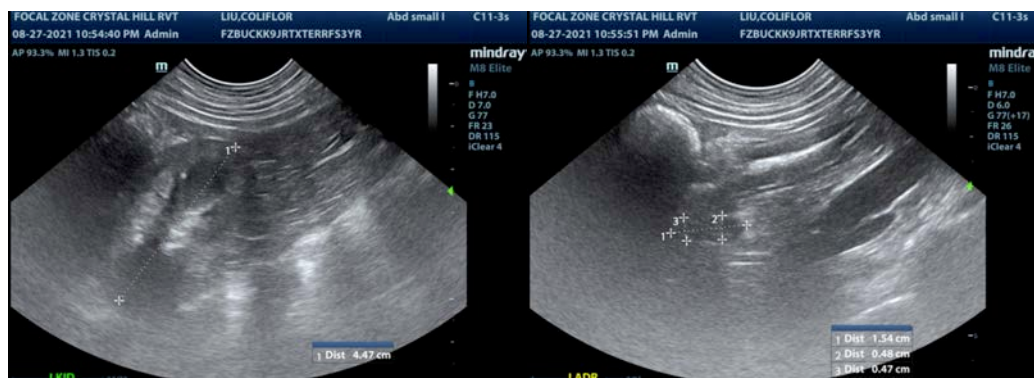
Crystal Hill

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SPECIES

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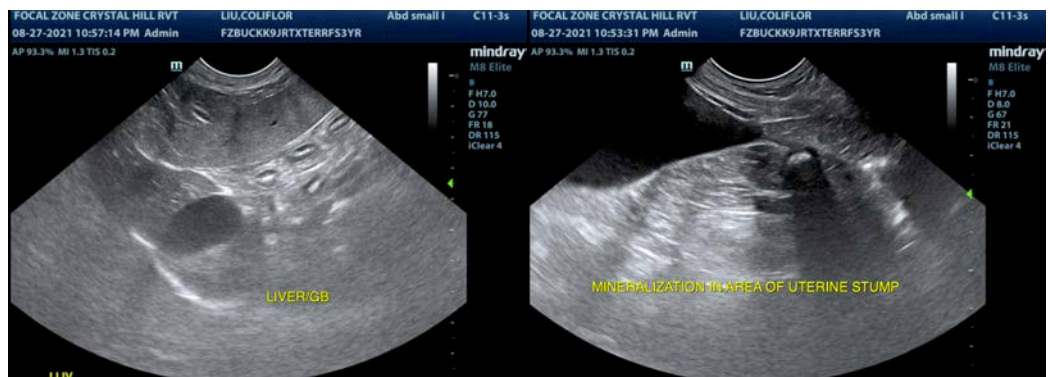
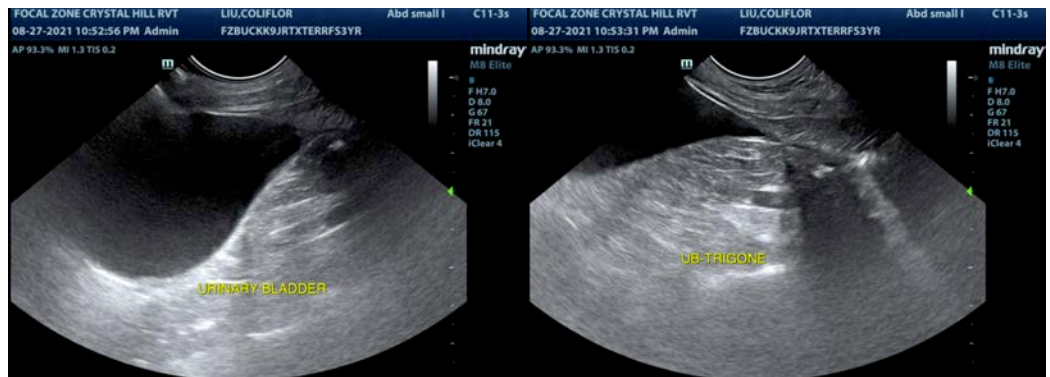
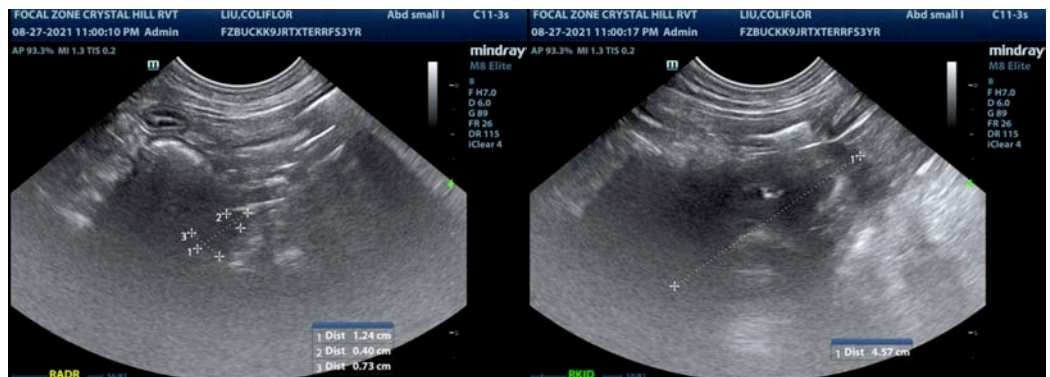
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PATIENT

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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.

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

Shep/JRT/Shiba
Inu/Terrier

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

AGE

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