



PATIENT PRESENTING CLINICAL SIGNS

Carla Boles
Persistent UTI.
Abnormal PE/Chem/CBC/UA Results: NSF

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

The urinary bladder was mildly subnormal in size owing to lack of urine distention, yet subjective normal tone. The urinary bladder walls were sonographically unremarkable without evidence of neoplastic or inflammatory criteria. Anechoic urine was present without evidence of sediment or calculi. The proximal urethra exhibited normal structure and tone to a depth of 2.0 cm, although potential mild proximal urethral diversion owing to a prominent to mildly non-homogeneous uterine stump was present. The uterine stump measured potentially 4-5 cm in length and 1.0 cm in width. Overt evidence of fluid within the uterine stump lumen was not present. No evidence of mineralization or peripheral inflammation.

Beagle

SEX

Spayed Female

AGE

6 Years

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 5.2 cm. The right kidney measured 5.4 cm. No overt evidence of pyelonephritis.

WEIGHT

27 Pounds

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY Adrenal Glands

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

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.7 cm length x 0.53 cm at the caudal pole. The left adrenal gland measured 1.9 cm length x 0.44 cm at the caudal pole.

IMAGING PERFORMED BY Spleen

Jenna Walsh

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 Liver

Albany AH

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Eric Gaze

Gastrointestinal

INVOICE

24887

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

8/24/21

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.

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



PATIENT *Pancreas*

Carla Boles The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

SPECIES

Canine

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED

Beagle

No overt evidence of retained left or right ovarian tissue.

ULTRASONOGRAPHIC FINDINGS

SEX

- Prominent to mildly non-homogeneous uterine stump – suggestive of uterine granuloma, less likely uterine stump pyometra. No evidence of uterine stump neoplasia.

Spayed Female

AGE

- Sonographically unremarkable urinary bladder and visible proximal urethra with potential for mild proximal urethral diversion owing to the prominent uterine stump.

6 Years

- Sonographically unremarkable bilateral kidneys, no overt pyelonephritis.

WEIGHT

27 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The prominent to mildly non-homogeneous uterine stump and suspected uterine stump granuloma is of unclear clinical significance. However, the uterine stump may potentially be serving as a nidus of recurring infection, or, if clinical signs of incontinence are present, may be potentially affecting the proximal urethral tone, while the possibility of adhesion to the proximal urethra cannot be definitively excluded.

INTERPRETED BY

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

Cystoscopy or vaginoscopy likely ideal to assess for evidence of additional structural pathology in the non-visualized urethra and vaginal vault. Vaginal cytology and/or anti-mullerian hormone may be considered if clinical signs of estrus. Recheck urine culture and sensitivity on sterile urine sample obtained via cystocentesis suggested if not recently done. Laparotomy with gross inspection in the area of the uterine stump as well as resection and gross inspection in the area of the cystourethral junction and proximal urethra may be indicated.

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

Albany AH

REFERRING VET

Dr. Eric Gaze

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PATIENT

Carla Boles

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

6 Years

WEIGHT

27 Pounds

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IMAGING PERFORMED BY

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HOSPITAL NAME

Albany AH

REFERRING VET

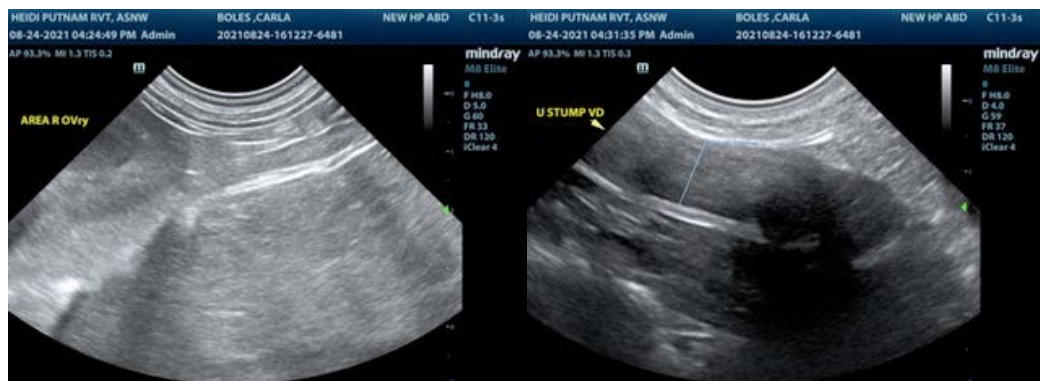
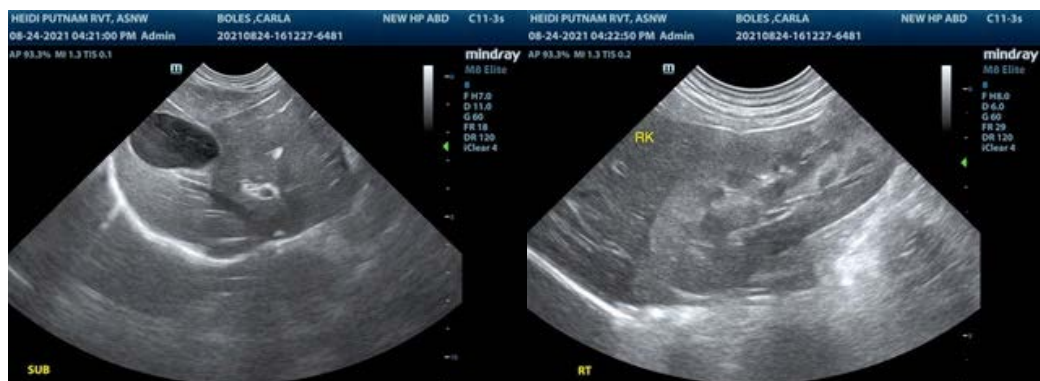
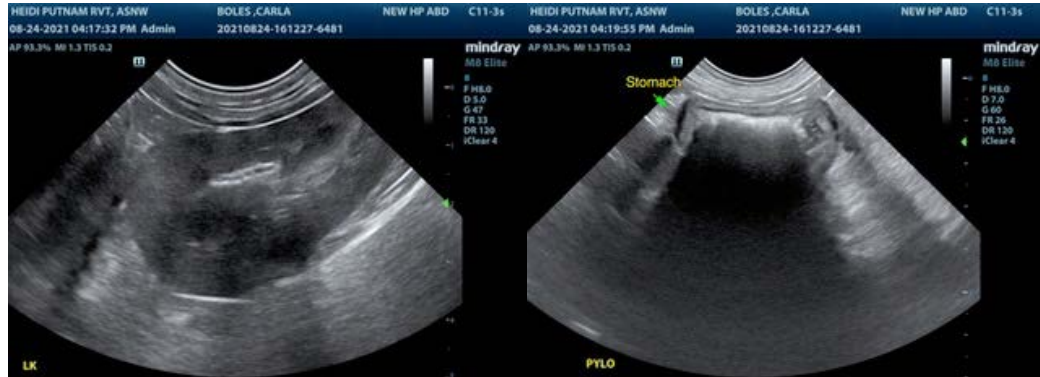
Dr. Eric Gaze

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PATIENT

Carla Boles

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

Beagle

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

SEX

Spayed Female

AGE

6 Years

WEIGHT

27 Pounds

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**IMAGING
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