



PATIENT PRESENTING CLINICAL SIGNS

Morgan Dorschner History: Abdominal pain, off and on appetite, bouts of hematuria and suspect abdominal mass. Has been on Gabapentin.

SPECIES Abnormal PE/Chem/CBC/UA Results: Please see attached lab work and radiograph

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Teacup Poodle

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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 were noted. No evidence of medial iliac or sublumbar lymphadenopathy.

SEX

Intact Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.0 cm in length. The right kidney measured 3.8 cm in length.

AGE

15 Years

WEIGHT

4.2 Pounds

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.44 cm width in the cranial pole and 0.38 cm width in the caudal pole. The right adrenal gland was indistinctly visualized measuring 0.51 cm width in the caudal pole.

INTERPRETED BY

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

Spleen

The spleen was normal in size, exhibiting primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease. No evidence of splenic masses or nodules.

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Norwich VC

Liver

REFERRING VET

Dr. Saturno

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

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The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

DATE

1/4/23



PATIENT

Morgan Dorschner

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained variably echogenic, yet nonshadowing ingesta without signs of obstruction or foreign material.

SPECIES

Canine

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.

BREED

Teacup Poodle

The colon walls presented intact yet mildly prominent descending colon wall layering, containing subjective semi-formed to soft fecal matter.

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 was evident.

SEX

Intact Female

Free Abdomen

Mildly irregular nonhomogenous to hypoechoic mass was present in the mid abdomen, subjectively within the area of the left or right ovary, measuring approximately 3.5 cm in diameter. Primarily homogenous omentum was noted. No evidence of peritoneal free fluid was noted.

AGE

15 Years

Other

WEIGHT

4.2 Pounds

The visualized uterine body exhibited mild nonhomogenous uterine walls without evidence of enlargement or distention with no evidence of uterine pyometra criteria or overt neoplastic criteria in the area of the uterine body.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

- Mid abdominal mass, subjectively in the area of the left or right ovary
- Bilateral moderate chronic renal changes
- Mild hepatosplenic age-related changes- subjectively benign
- Overtly normal gastrointestinal tract with mild, possibly retained, gastric ingesta/chyme
- Sonographically unremarkable urinary bladder

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mid abdominal mass, although nonspecific, is highly suspected to be of ovarian or possible caudal uterine origin with potential primary concern for ovarian stromal tumor give the reported alopecia and vulvar enlargement in this patient. Other potential etiologies are possible without overt evidence of renal, adrenal or caudal splenic origin.

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Further assessment may include FNA cytology of the mass. Anti-Mullerian hormone could also be considered. Three-view chest radiographs are recommended if not done. Assuming no evidence of pathology on three-view chest radiographs, laparotomy with ovariohysterectomy, gross inspection of the mass and potential resection vs abdominal CT for further clarification and surgical planning may be considered.

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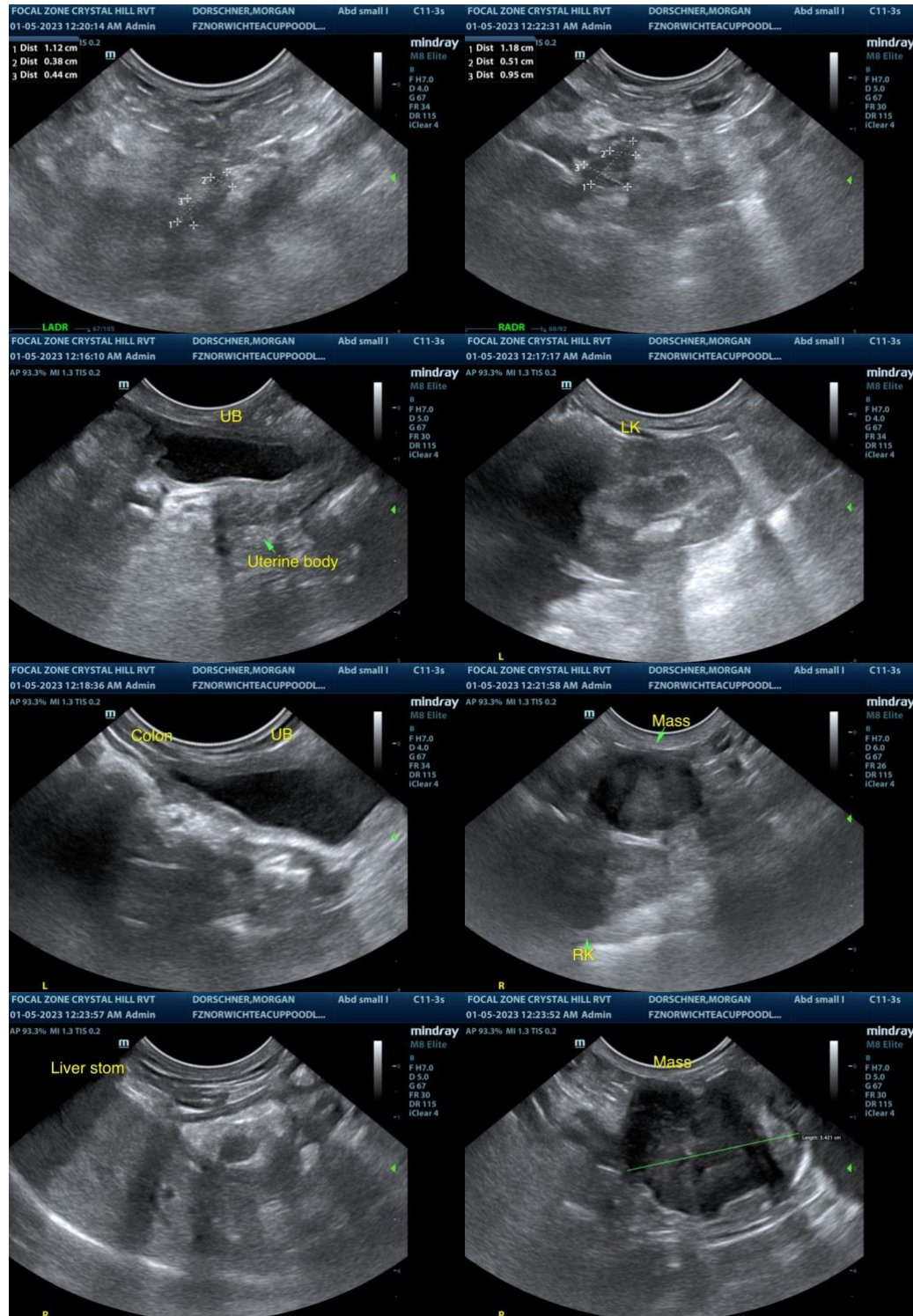
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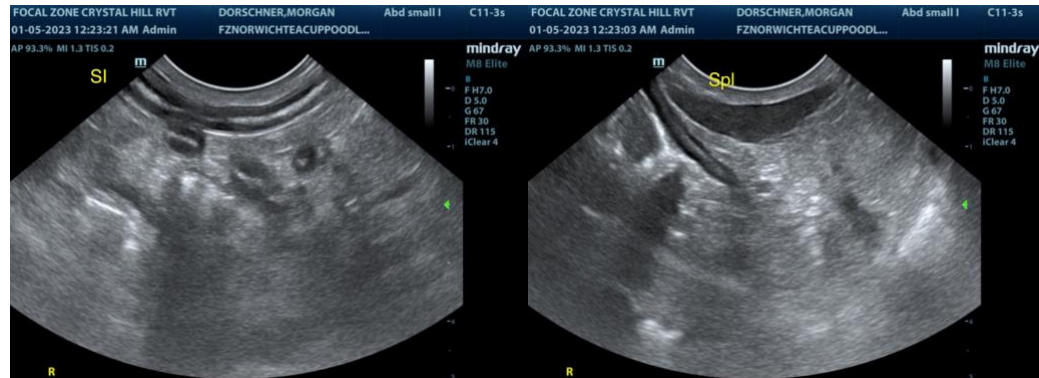
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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