



PATIENT

Zoey Kittrell

PRESENTING CLINICAL SIGNS

Zoey is a diabetic on NPH insulin. 12 lb weight loss in 4 months.
 Abnormal PE/Chem/CBC/UA Results: BG 760 Glucosuria, sodium 128(L) Potassium 6.1, Chloride 95, ALP 406, Fructosamine 503 Positive Murphy sign Position 8a, 13,14

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Lab X

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with mostly 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

Spayed Female

The left kidney presented normal size (6.78 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild to moderate loss of corticomedullary distinction. Moderate pyelectasia is present (0.62 cm in the longitudinal plane). There is no evidence of nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

8 Years

The right kidney presented normal size (6.73 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild to moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

38 Pounds

Adrenal Glands

The left adrenal gland is normal size (0.49 cm at cranial pole) (0.56 cm at caudal pole) (2.31 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.

The right adrenal gland is not definitively visualized in the available images.

Spleen

The spleen is normal in size (1.31 cm) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively prominent in size with swollen curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and exhibits mild heterogeneity. No focal distinct lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion.

The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of echogenic debris is observed within the lumen. The cystic and common bile ducts are normal.

Gastrointestinal

The gastric lumen is 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 segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and

INTERPRETED BY

Andrea Nicastro, DMV,
 Diplomate DACVIM
 (Small Animal
 Internal Medicine)

IMAGING PERFORMED BY

Dr. Ray Caughman

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REFERRING VET

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appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive or overt infiltrative disease is noted.

Pancreas

SPECIES

Canine

A portion of the pancreas is obscured by the gastric distention. In the visualized portions, no obvious pathology is observed.

Free Abdomen

BREED

Lab X

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

SEX

Spayed Female

- Bilateral non-specific age-related renal changes with left pyelectasia
- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered unlikely.

AGE

8 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

38 Pounds

- Given the left pyelectasia, a urine culture and sensitivity is recommended.
- Also consider 3-view thoracic radiographs to assess for occult neoplasia in the chest.
- Further recommendations should be based on the results of the ACTH stimulation test.

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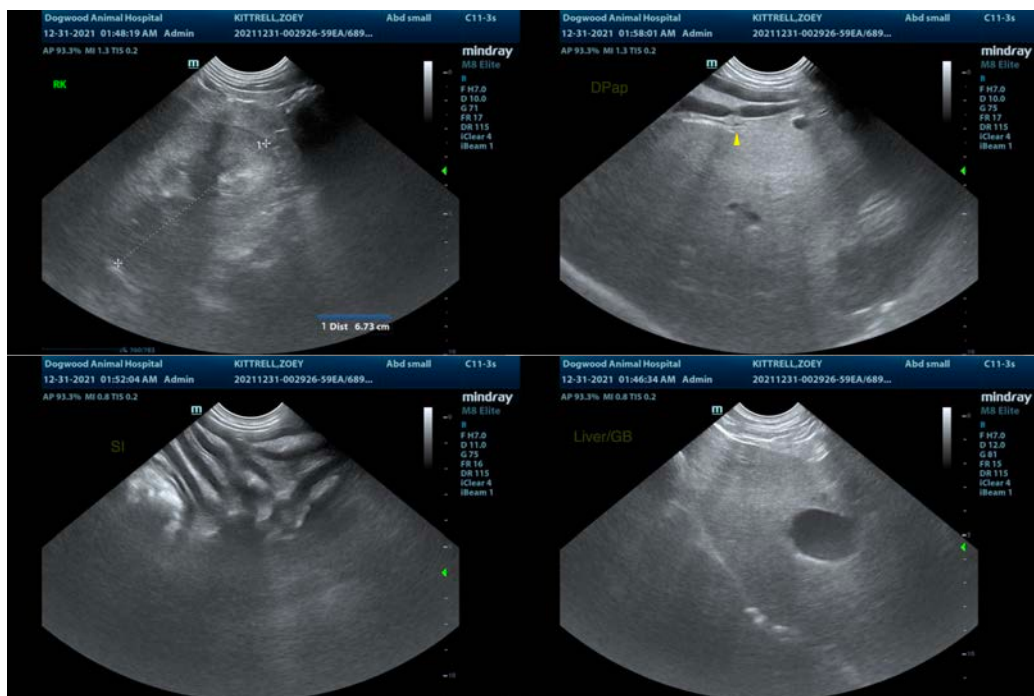
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SPECIES

Canine

BREED

Lab X

SEX

Spayed Female

AGE

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WEIGHT

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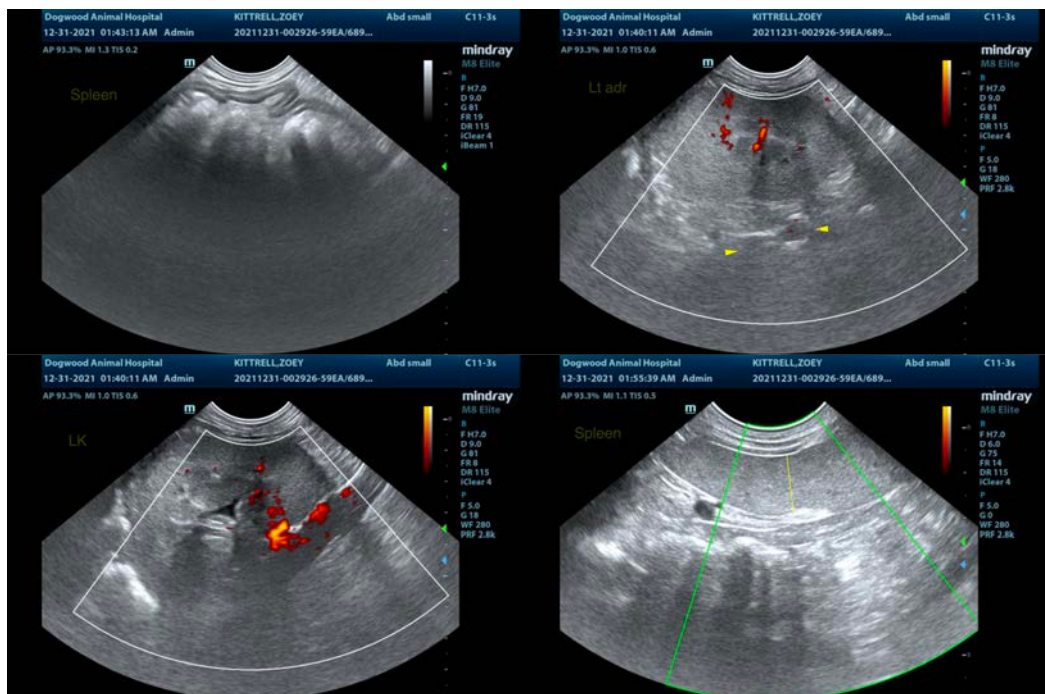
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com