



PATIENT PRESENTING CLINICAL SIGNS

Danni Easterly History: Energy level decreasing, letting out random yelps/screams. Eating/Drinking is ok, blood in stool, no diarrhea no v. lethargy weight loss ddx secondary to ckd stage 2, other?

SPECIES Abnormal PE/Chem/CBC/UA Results: BCS 2/9 - CBC wnl SDMA = 16 ug/dL CREA = 2.4 mg/dL BUN = 43 mg/dL
Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Terrier Mix The urinary bladder is moderately distended. The wall is normal in thickness with a smooth mucosal surface. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone is normal.

SEX Spayed Female The left kidney presented normal size (3.79 cm in length); with a normal shape, smooth peripheral margins and normal internal architecture. There is mild loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. Moderate pyelectasia is present (0.47 cm) in the transverse plane. There is no evidence of infarcts or hydronephrosis.

AGE 14 Years The right kidney is borderline small (3.02 cm in length); with a slightly irregular shape. There is mild loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. Mild pyelectasia is present (0.21 cm) in the longitudinal plane. There is no evidence of hydronephrosis.

WEIGHT 8 Pounds

INTERPRETED BY *Adrenal Glands*

Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine) The left adrenal gland is normal size (0.41 cm at cranial pole) (0.42 cm at caudal pole) (1.64 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

Loetitia Saint-Jacques, RVT The right adrenal gland is normal size (0.44 cm at cranial pole) (0.30 cm at caudal pole) (1.35 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.

HOSPITAL NAME

Donner Truckee VH *Spleen*

REFERRING VET

Dr. India Vannini The spleen is normal in size (1.26 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.

INVOICE *Liver*

13013 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

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PATIENT

Danni Easterly

regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

SPECIES

Canine

The gall bladder lumen is moderately distended. The wall is thin and smooth. A moderate amount of aggregated echogenic mostly gravity dependent debris/sludge is observed within the lumen. The cystic and common bile ducts are normal.

BREED

Terrier Mix

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal (xxx cm) with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive or overt infiltrative disease is noted.

SEX

Spayed Female

Pancreas

AGE

14 Years

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.

Free Abdomen

WEIGHT

8 Pounds

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

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

- Bilateral nonspecific age-related renal changes with dystrophic mineralization and pyelectasia
- Gallbladder sludge, non-mucocele

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*An obvious cause for the patient's discomfort is not identified in the study. Considerations include pyelonephritis, orthopedic or neurologic disease, other.

Loetitia Saint-Jacques, RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Donner Truckee VH

- Whole body radiographs are recommended to assess for pathology in the chest, bony lesions, etc.

- Consider a urine culture and sensitivity to assess for pyelonephritis as a cause for pain.

REFERRING VET

Dr. India Vannini

- Thorough orthopedic and neurologic evaluations are also recommended to assess for areas of discomfort.

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- Given the patient's azotemia, also consider a UPC (if proteinuria is present) and baseline blood pressure measurement.

- Regarding the blood in the stool consider the following:

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Portable Animal Welfare Sonography, Inc.

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pawsonography@gmail.com 530-786-8340

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SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

14 Years

WEIGHT

8 Pounds

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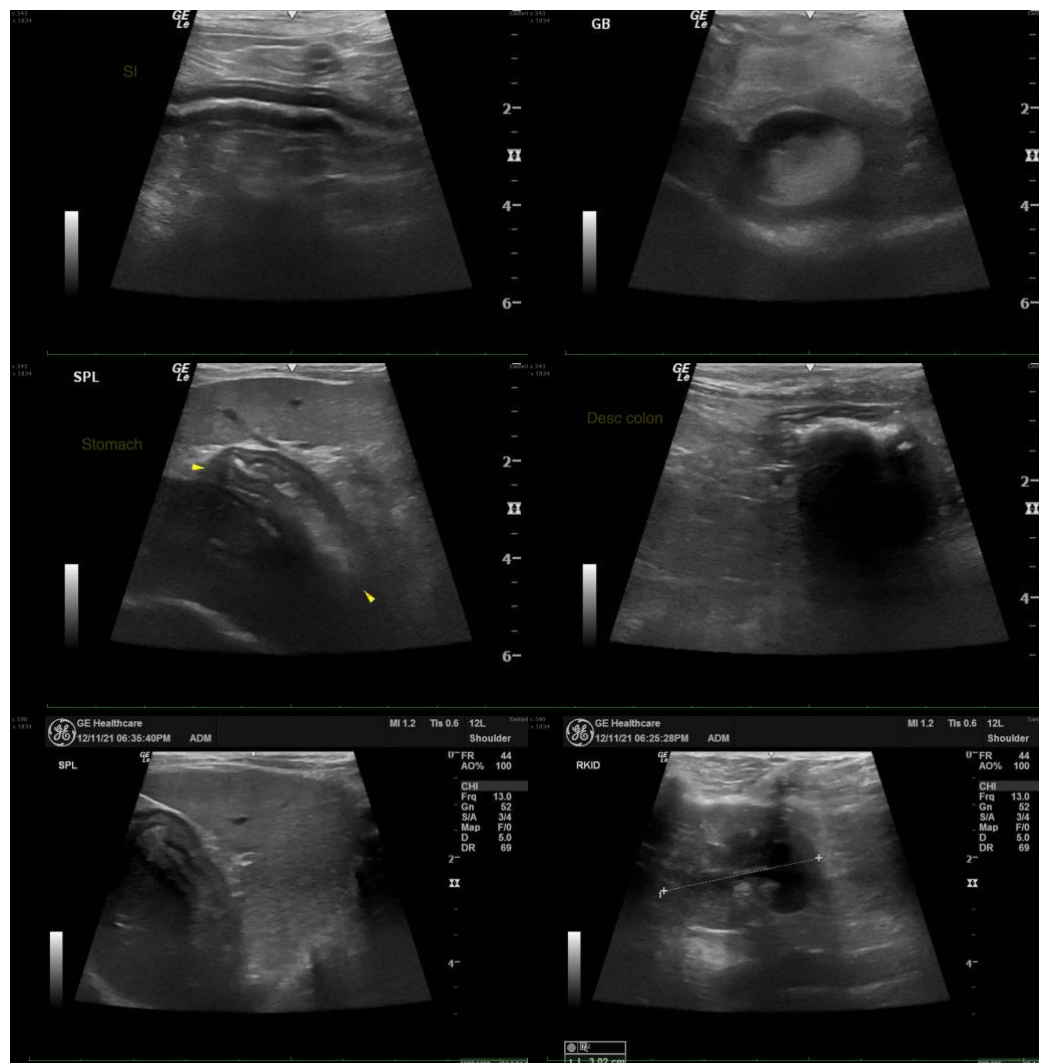
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1. Fecal evaluation for ova and Giardia
2. Prophylactic deworming with Fenbendazole at 50 mg/kg once a day for 5 days is recommended. Repeat above protocol in 3 weeks.
3. Depending on the results of these diagnostic/therapeutics, a colonoscopy with biopsies may be necessary to get a definitive diagnosis.





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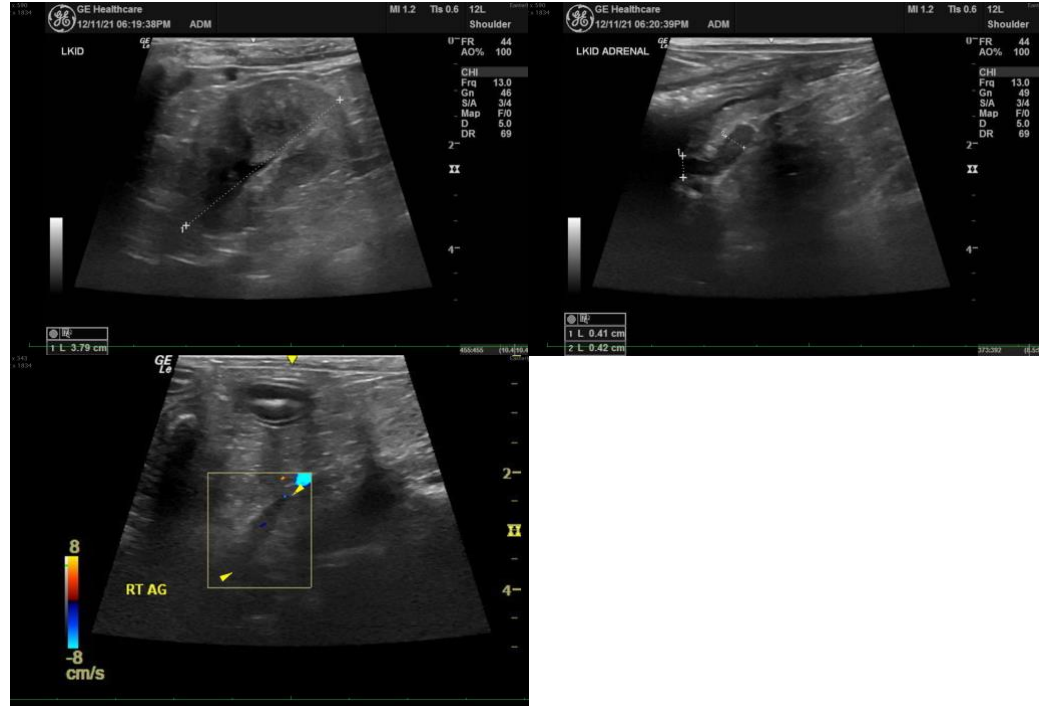
Dr. India Vannini

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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 ACVIM (Small Animal Internal Medicine)

andrea_nicastro2@hotmail.com