



PATIENT PRESENTING CLINICAL SIGNS

Spooky Caplis

Presented earlier this month with nonspecific signs of slight lethargy, decrease in appetite, and one episode of vomiting. Patient was found to have lost 2.5 pounds and was mildly dehydrated with loss of muscle condition along dorsum. Radiographic Findings Lateral and VD WB rads: Kidneys are borderline small. Liver does not appear enlarged, but caudal edge of liver lobes appears rounded.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: CBC: Monocytes increased at 1,186 Chem: Chol decreased at 58 UA: SG 1.057; Borderline pyuria (6-10/HPF), microscopic hematuria (75-100), Bilirubin crystalluria T4 is normal at 1.7

BREED

DLH

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Spayed Female

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild primarily non-dependent to particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

AGE

12 Years

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The right kidney measured 4.0 cm. The left kidney measured 3.6 cm. Minor dystrophic medullary mineralization noted in both kidneys.

WEIGHT

9.12 Pounds

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.33 cm in width. The right adrenal gland measured 0.28 cm in width. The right adrenal gland measured

IMAGING PERFORMED BY

Jenna Walsh, CVT

Spleen

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.

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Liver

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. Barbara Brasted-Maki

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Gastrointestinal

DATE

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. Gastric body wall measured 0.25 cm.

9/29/21



PATIENT

Spooky Caplis

The small intestine presented intact wall layering with primarily maintained 1:3 muscularis/mucosa ratio with segmental propensity for subtly prominent muscularis layer. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Duodenum wall measured 0.24 cm.

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

Pancreas

The pancreas was normal in size with minor asymmetrical contour and heterogeneous to subtly hypoechoic parenchyma compared to adjacent omentum and minor pancreatic duct dilation.

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Free Abdomen

SEX

Spayed Female

Multiple mildly yet variably enlarged mid abdominal mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of subtle perilymphatic inflammation was evident. Example measured 1.5 cm in diameter.

AGE

12 Years

Scant free fluid noted adjacent to intestinal loops and lymph nodes.

WEIGHT

9.12 Pounds

- Probable chronic enteropathy – suspect chronic IBD
- Associated generally mild mesenteric lymphadenopathy – suspect associated lymphoid hyperplasia or minor reactive lymphadenitis.
- Potential mild chronic to chronic active pancreatitis

INTERPRETED BY

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SECONDARY FINDINGS

- Bilateral mild chronic renal changes

IMAGING PERFORMED BY

Jenna Walsh, CVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The small intestine exhibited subtle mural changes, which are suggestive of underlying chronic inflammatory enteropathy, given the patients clinical signs and weight loss as well as associated lymphadenopathy. Minor potential for early or occult neoplastic infiltrative enteropathy with round cells such as lymphoma as well as emerging neoplastic lymphadenopathy, yet considered less likely. If accessible, ultrasound guided FNA of a mesenteric lymph node could be considered for screening cytology.

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REFERRING VET

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A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. 3-view chest radiographs recommended to rule out occult thoracic pathology. Intestinal biopsies are required for definitive diagnosis. Empirical IBD protocol (which may include hydrolyzed diet, cobalamin supplementation, as-needed gastrointestinal support +/- Prednisolone trial at lowest effective dose to control clinical signs and assessment of clinical response) may be considered.

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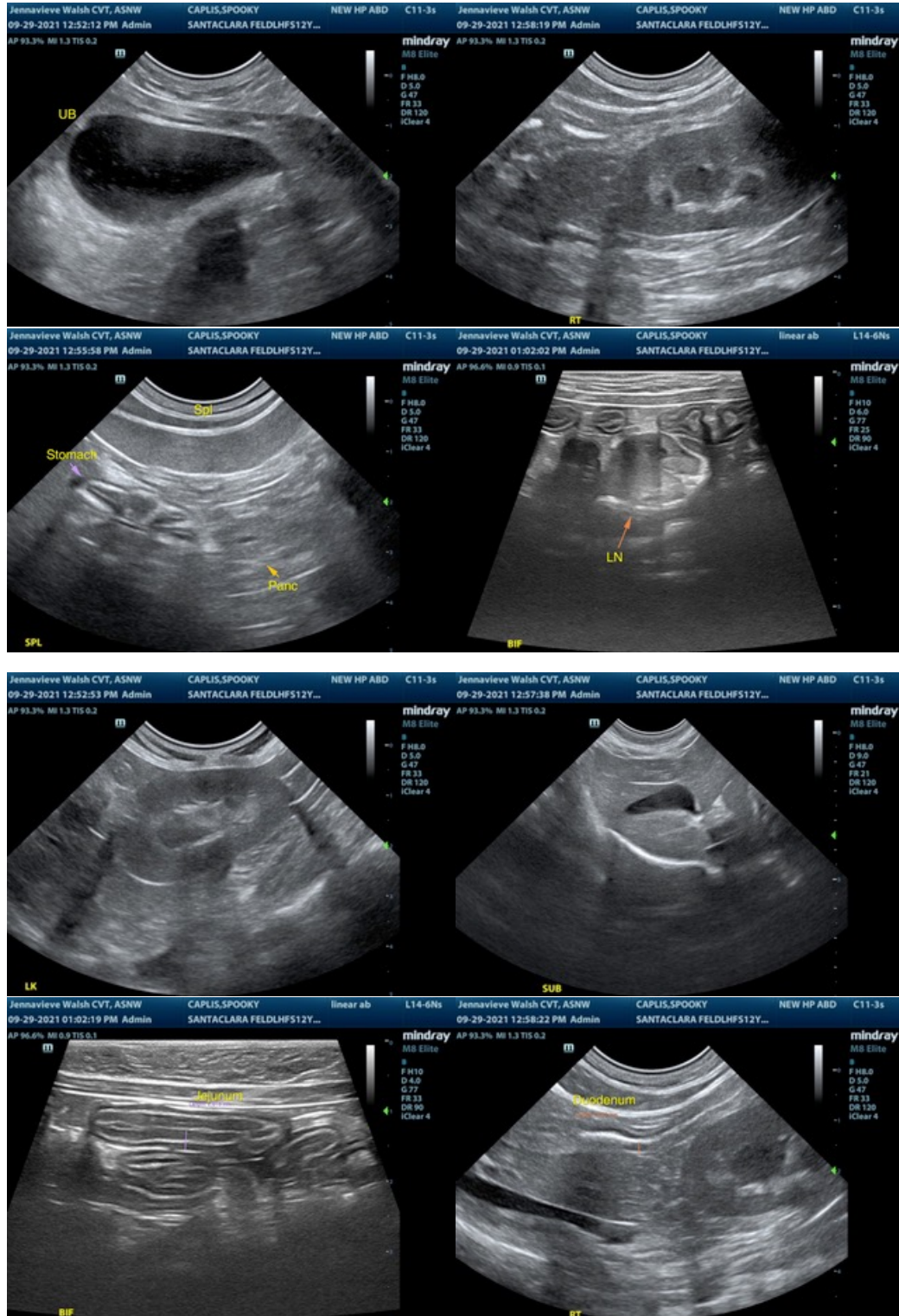
Dr. Barbara Brasted-
Maki

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PATIENT

Spooky Caplis

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

Feline

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

DLH

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SEX

Spayed Female

AGE

12 Years

WEIGHT

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