



PATIENT PRESENTING CLINICAL SIGNS

Pickle Zabell History: 2 week history of lethargy and decreased appetite. Pickle has been losing weight and BCS was 3/9 on presentation. She has a distended abdomen that feels fluid filled. She is icteric and appeared dehydrated. Temp 104.1.

SPECIES

Feline Abnormal PE/Chem/CBC/UA Results: FeLV/FIV test neg/neg; CBC/Chem: TBIL 0.8, albumin & globulin were WNL but ratio was 0.58. HCT 24%, PLT 62K Current Medications Non-Radiographic Findings

BREED

None

DSH

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. 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.

AGE

9 Months

WEIGHT

4.78 Pounds

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. A prominent hyperechoic corticomedullary band, consistent with a medullary rim sign, was present. This is a nonspecific finding seen in both normal and abnormal kidneys. It may be associated interstitial renal disease, hypercalcemia, tubular necrosis, lymphoma, and FIP. However, it is a nonspecific finding. The left kidney measured 3.8 cm. The right kidney measured 4.1 cm.

INTERPRETED BY

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

Adrenal Glands

IMAGING PERFORMED BY

Sara Hansen

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.34 cm.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.43 cm.

HOSPITAL NAME

Spleen

West Eugene AH

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.

REFERRING VET

Dr. Sundholm

INVOICE

Liver

21351

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. Normal hepatic vascular volume without evidence of congestive criteria.

DATE

3/1/23

The gallbladder was mildly subnormal in size with anechoic content. The cystic and common bile ducts were normal.



PATIENT *Gastrointestinal*

Pickle Zabell 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.

SPECIES

Feline 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

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

SEX

Spayed Female 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.

AGE

9 Months Moderate volume peritoneal effusion was noted, exhibiting moderate effusion echogenic changes, suggestive of fluid cellularity. Generalized to hyperechoic omentum was noted.

WEIGHT

4.78 Pounds Intermittent, mildly prominent to enlarged mesenteric lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum. The lymph nodes were not overtly consistent with lymphatic neoplastic criteria. An example of lymph node size measured 0.5 cm in diameter.

INTERPRETED BY

No evidence of omental masses was noted.

R. McKenzie Daniel,
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(Canine and Feline)

ULTRASONOGRAPHIC FINDINGS

- Moderate volume echogenic peritoneal effusion and generalized uniform hyperechoic omentum
- Bilateral renal medullary rim sign
- Sonographically unremarkable gastrointestinal tract/liver/spleen/pancreas

IMAGING PERFORMED BY

Sara Hansen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Unfortunately, given the sonographic abnormalities, clinical signs in conjunction with laboratory abnormalities, including decreased albumin to globulin ratio, FIP is considered probable until proven otherwise. Further assessment may include effusion analysis, cytology +/- culture and sensitivity, as well as FIP titers. Neoplasia, such as carcinomatosis, lymphomatosis or alternative nonspecific peritonitis is possible yet considered less likely. Internal med consult could be considered regarding potential empirical FIP treatments.

West Eugene AH

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PATIENT

Pickle Zabell

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

9 Months

WEIGHT

4.78 Pounds

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HOSPITAL NAME

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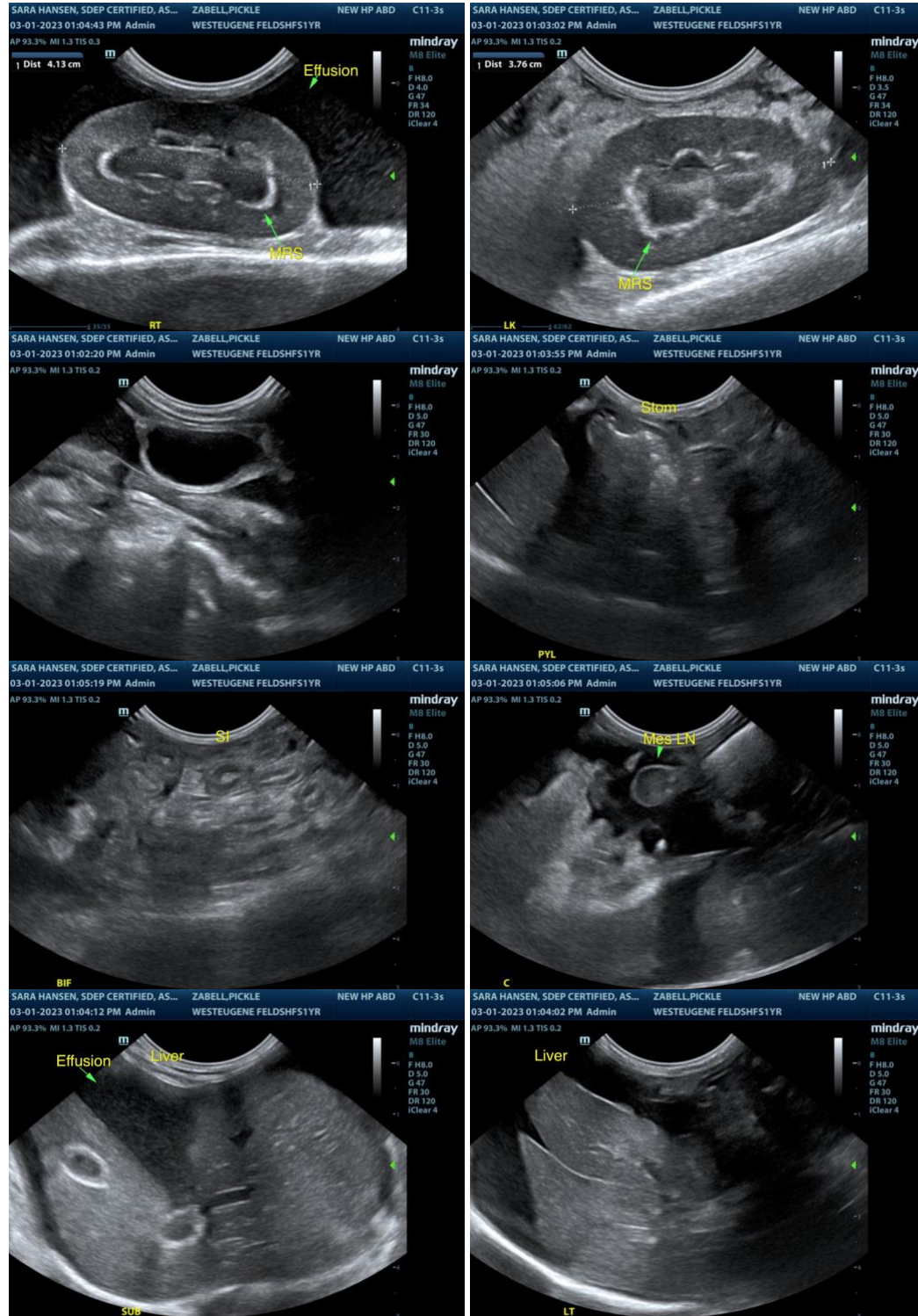
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PATIENT

Pickle Zabell

SPECIES

Feline

BREED

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Spayed Female

AGE

9 Months

WEIGHT

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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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