



PATIENT

Gilbert Thurston

SPECIES

Mustelo Furo

BREED

Albino

SEX

Neutered Male

AGE

3 Years

WEIGHT

.78 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Megan Spatz

HOSPITAL NAME

Boren VMTH-
Oklahoma State
University

REFERRING VET

Dr. McCready

INVOICE

21467

DATE

3/6/23

PRESENTING CLINICAL SIGNS

PERTINENT CLINICAL HISTORY: 3 YO MC Ferret presenting for mild anal prolapse of 1 day of the duration. The patient is otherwise BAR. At Physical exam spleen distal portion (tail) palpates rounded. Anal prolapse is mild and there might be an associated perianal mass vs swollen mucosa. LEADING DIFFERENTIAL/DIAGNOSIS: neoplasia vs gastroenteritis vs adrenal disease.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 2.9 cm. The right kidney measured 3.12 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.38 cm. The right adrenal gland measured 0.3 cm.

Spleen

The **spleen** was mildly enlarged with slight scalloping contour, measuring 1.2 cm in width.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder was empty yet mildly echogenic.

Gastrointestinal

The upper **gastrointestinal tract** was empty and unremarkable. The colon was mildly thickened with no loss of mural detail.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted. A pancreatic cyst was noted, measuring 0.88 cm with some echogenic debris, cannot rule out abscessation.

Free Abdomen



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The colic **lymph nodes** were enlarged, measuring up to 5.0 mm (length to width ratio was maintained), consistent with reactive lymph nodes.

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A cranial abdominal lymph node was enlarged (length to width ratio was maintained), measuring 1.4 cm x 0.5 cm.

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ULTRASONOGRAPHIC FINDINGS

- Multifocal reactive lymphadenopathy
- Pancreatic cyst
- Colitis pattern
- Mildly enlarged spleen with slight scalloping contour

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neoplasia is unlikely in this patient yet assessment of the FNA results is warranted. Consideration for infectious enteritis/colitis. Ultrasound guided drainage of the pancreatic cyst could also be considered with appropriate culture.

AGE

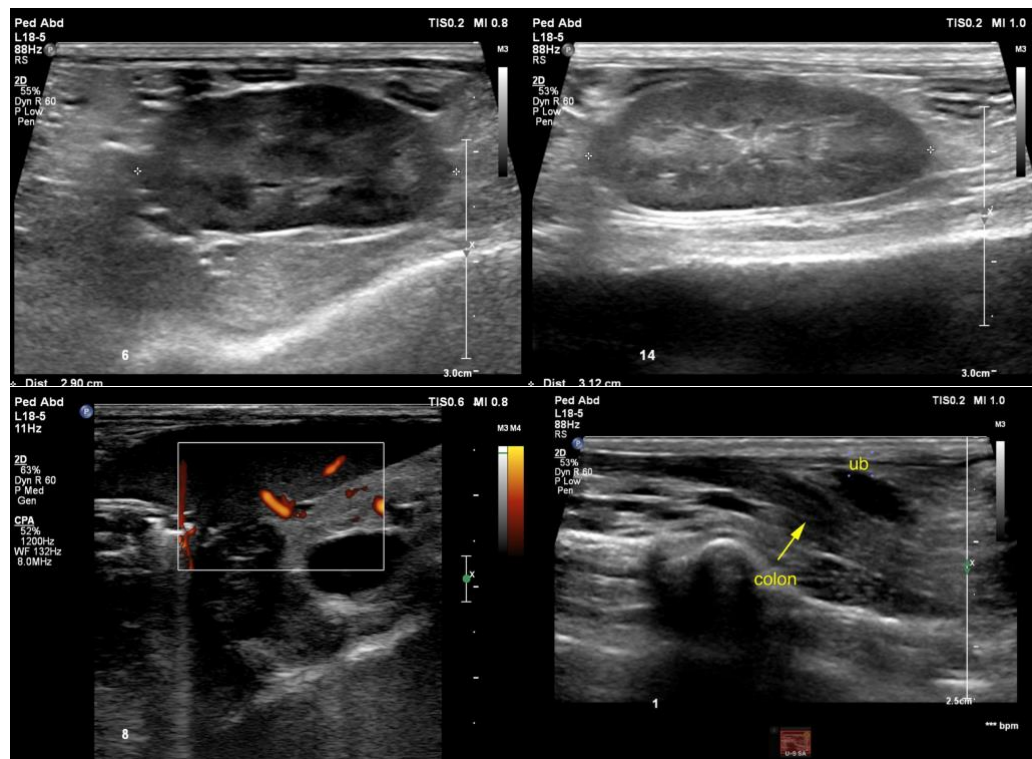
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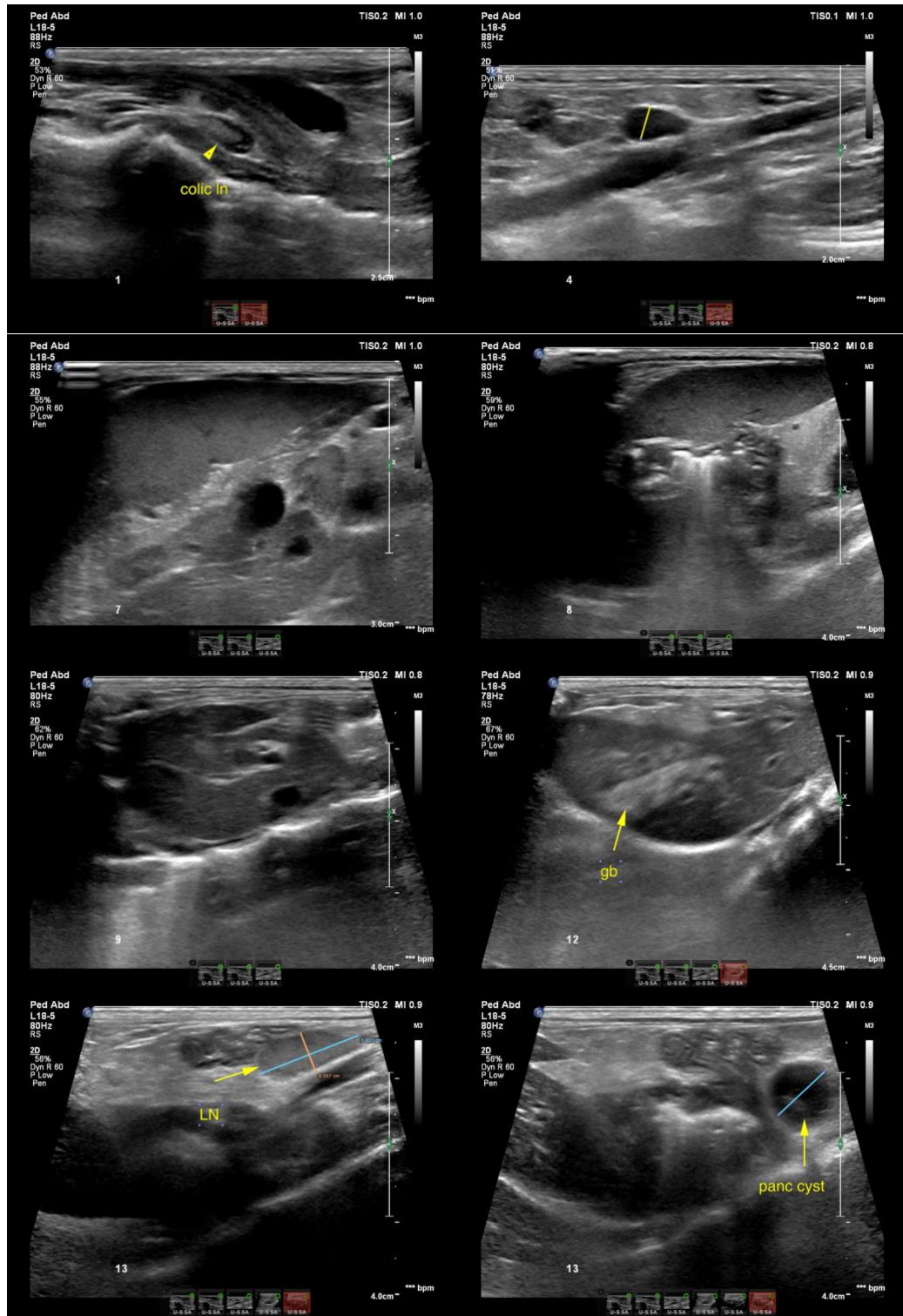
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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info@SonoPath.com

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