



PATIENT

Milo Salgado

SPECIES

Canine

BREED

Mini Schnauzer

SEX

Intact Male

AGE

4 Years

WEIGHT

15.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ferrer

HOSPITAL NAME

Paseos Vet Center

REFERRING VET

Dr. Ferrer

INVOICE

26624

DATE

10/25/21

PRESENTING CLINICAL SIGNS

Milo presented for evaluation of abdominal pain. O noticed that pt this morning was very painful and uncomfortable on the abdomen. Last night pt was normal and active and this morning pt could not walk or move well when was taken out to evacuate with a very tight and tense abdomen. Could not rule out possible dietary indiscretion.

Abnormal PE/Chem/CBC/UA Results: The PE was unremarkable except for pain on cranial abdomen and on dorsum (thoracolumbar junction). The m/s exam did not show spinal pain and neuro exam was wnl and no reflex deficits or delayed. Minimal to no pain on rectal exam and normal feces. Abdominal rads: No obvious FB or intestinal distention. The prostate looked large and there was some mild fuzziness close to the pancreas area. Rads were added as a supporting document. Blood work: CBC and Chemistry all values were wnl Feecal : NPS Urinalysis: Possible cocci 1+ noticed with the machine, but no obvious on urine cytology

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 prostate was enlarged, measuring 3.1 cm in width. Edema lines noted. Mild deviation fo the descending colon noted.

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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.76 cm. The left kidney measured 4.38 cm with minor pyelectasia of 0.19 cm. Slight pinpoint mineralizations noted.

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 right adrenal gland measured 0.45 cm at the caudal pole and 0.8 cm at the cranial pole. The left adrenal gland measured 0.42 cm.

Spleen

The **spleen** was folded upon itself cranially and caudally, otherwise unremarkable. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

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 presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. A reactive mesenteric lymph node was noted, measuring 0.4 cm.

Pancreas

The **pancreas** was slightly coarse in architecture with minor heterogeneous changes. If inflammation is present, it is minor. The left limb of the pancreas measured 1.4 cm. The right limb measured 2.3 cm.

ULTRASONOGRAPHIC FINDINGS

- Slight mesenteric lymphadenopathy
- Minor left renal pyelectasia
- BPH prostate and possible prostatitis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care for GI upset should prove effective. There is no evidence of foreign body. There are minimal changes in the pancreas. Assessment for referred back pain would be warranted. Low-grade prostatitis likely given the discomfort noted on prostatic palpation as well as the sonographic appearance. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture. Lateral VD radiographs were unremarkable other than minor prostatic enlargement.

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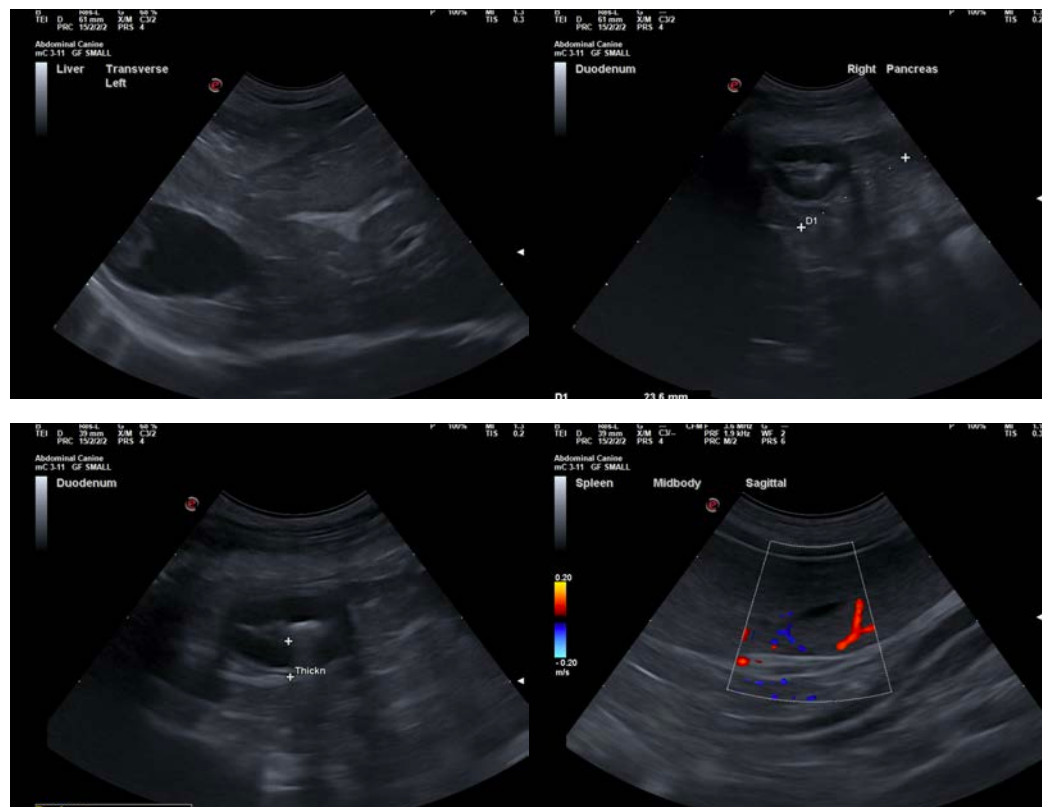
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com