



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kuma Gonzalez
SPECIES Canine
BREED Shih Tzu
SEX MN
AGE 5 years
WEIGHT #
INTERPRETED BY Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM
IMAGING PERFORMED BY Sonya Myers, DVM
HOSPITAL NAME Oviedo Veterinary Care and Emergency
REFERRING VET Dr Lucignani

History: Chronic GI disease.
 Physical Examination: N/A
 Urinalysis: N/A.
 CBC: N/A
 Serum Biochemistry: N/A.
 Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Small amount of hyperechogenic floating sediment. No uroliths evident.

Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.4 cm, right 4.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

Small hypoechogenic prostate (0.9 cm).

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.45/0.48 cm right 0.44/0.77 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, and ileo-cecal junction with no loss of layering, normal wall thickness (stomach 0.43 cm, duodenum 0.31 cm, jejunum 0.32 cm) and peristaltic activity and no distension of the lumen. Segmental thickening of the colon with hyperechogenic and loss of layering in some areas.

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PATIENT *Pancreas*

Kuma Gonzalez Enlarged (1.7 cm) with a hypoechogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Mesenteric lymphadenomegaly (0.7 x 1.7 cm) with normal shape and echogenic appearance. No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

Shih Tzu

SEX

MN

AGE

5 years

Primary Findings:

- Colitis.
- Pancreatitis.
- Mesenteric lymphadenomegaly.

Secondary Findings:

- Urinary bladder sediment.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

Etiologies for the colitis would be helminths, granulomatous disease, inflammatory bowel disease, and emerging neoplasia.

The appearance of the pancreas is typical for pancreatitis.

The most likely etiology for the mesenteric lymph nodes would be reactive, with lymphadenitis and infiltrative neoplasia, differential diagnoses

Further assessment would be fecal analysis, fPL/PSL assay, FNA cytology of the lymph nodes, rectal cytobrush cytology, and possibly colonoscopy with biopsies.

Specific therapy needs to be based on an etiological diagnosis. Symptomatic management of the pancreatitis would be low-fat intestinal diet and analgesics. Symptomatic management of the colitis would be novel protein/hypoallergenic diet, course of fenbendazole, and possibly sulfasalazine or olsalazine.

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PATIENT IMAGES

Kuma Gonzalez **Colon**

SPECIES

Canine

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Pancreas





PATIENT Mesenteric lymph node

Kuma Gonzalez

SPECIES

Canine

BREED

Shih Tzu

SEX

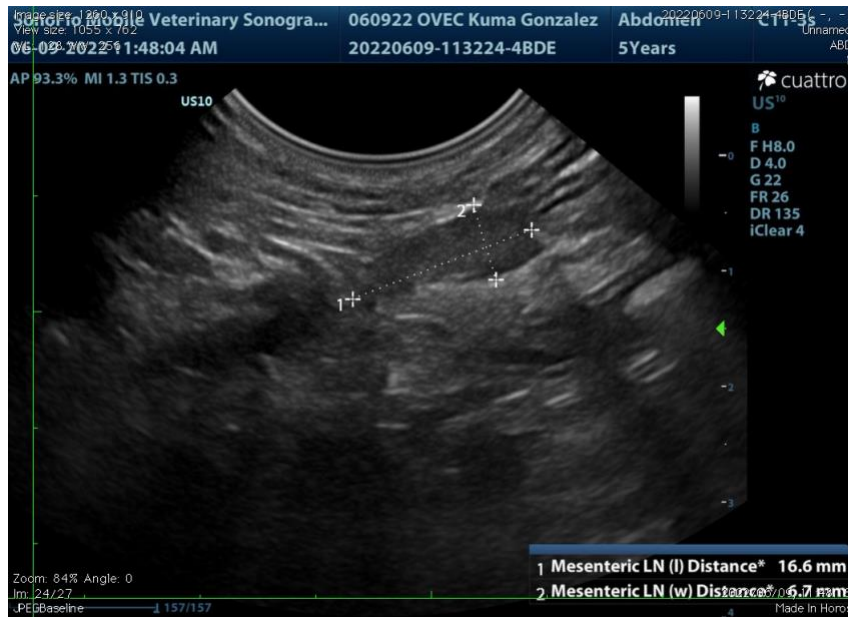
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

IMAGING PERFORMED BY

Sonya Myers, DVM

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za

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