



PATIENT PRESENTING CLINICAL SIGNS

Champion Guzman History: Asymptomatic, progressive elevation of SDMA.

SPECIES Physical Examination: Clinically normal, normal blood pressure.

Canine Urinalysis: SG 1.010.

CBC: Normal.

BREED Serum Biochemistry: Elevated SDMA, rest normal.

Shih Tzu Mix Radiographic Findings: N/A.

SEX

MN

AGE

14 years

WEIGHT

6.6 kg

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size, with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule.

Reproductive System

Small hypoechoic prostate.

Adrenal Glands

Normal shape, position, echogenic appearance, and size.

Spleen

Normal size with a diffuse mottled and nodular echogenic appearance. Nodules are faint, parenchymal and range from hypo-to-hyperechogenic. Smooth homogenous parenchyma, regular capsule, and normal vasculature.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct not visualized

Gastrointestinal

Normal appearance of the stomach, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

IMAGING PERFORMED BY

Dr Hayley Biederbeck,
DVM

HOSPITAL NAME

Lomsnes Veterinary
Hospital

REFERRING VET

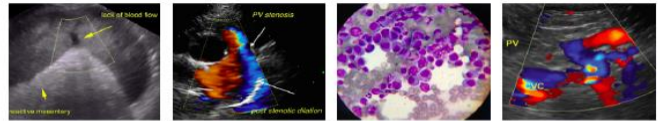
Dr Hayley Biederbeck,
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PATIENT *Pancreas*

Champion Guzman Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

Shih Tzu Mix

SEX Primary findings:
MN • Splenic pathology.
• Renal changes.

AGE Secondary findings:

14 years • Gall bladder sediment.

WEIGHT **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

6.6 kg Although the appearance of the spleen may merely be an age-related and reactive change hyperplasia, splenitis, and infiltrative neoplasia needs to be considered, especially the latter as elevated SDMA can occur with lymphoma.

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Although the ultrasound appearance of the kidneys is consisted with age-related changes, with the isosthenuria and elevated SDMA, early chronic kidney disease would be an important diagnosis.

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Further assessment would be survey thoracic radiographs and FNA cytology of the spleen.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Champion Guzman **Spleen**

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

MN

AGE

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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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