



## PATIENT

Lola Borsa

## PRESENTING CLINICAL SIGNS

- Req. Abdominal Ultrasound with Aspirates of the Spleen and Liver prior to MCT Surgery
- Abnormal PE/Chem/CBC/UA Results: NA

## SPECIES

Canine

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

## BREED

French Bulldog

## SEX

FS

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.6 cm in length. The right kidney measured 4.7 cm in length.

## AGE

11yr

The area of the aortic trifurcation was free of pathology.

### Adrenal Glands

## WEIGHT

14.2kg

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.55 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.56 cm width at the caudal pole.

## INTERPRETED BY

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

### Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A discrete hyperechoic caudal splenic nodule was present measuring 0.76 cm in diameter. 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 or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

## IMAGING PERFORMED BY

Dr Gira

### Liver/Gallbladder

## HOSPITAL NAME

Petzoic VH

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 vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and moderate congealed non-dependent debris potentially adhered to the ventral bladder lumen wall. The cystic and common bile ducts were normal.

## REFERRING VET

Dr Poffenroth

### Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing to focally shadowing ingesta sonographically suggestive of food echogenicity with no signs of obstruction or foreign material.

## INVOICE 23670

## DATE

01/26/2026



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained concurrent mild similar appearing non-shadowing ingesta/chyme with no signs of obstruction or foreign material.

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

## SPECIES

Canine

### *Pancreas*

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.

## BREED

French Bulldog

### *Free Abdomen*

Intermittent normal to mildly prominent to enlarged mesenteric lymph nodes were present visualized with linear probe. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example measured 2.2 cm x 0.58 cm.

## SEX

FS

No evidence of significant swollen mesenteric lymphadenopathy or peritoneal effusion was present.

## AGE

11yr

## ULTRASONOGRAPHIC FINDINGS

### Primary

- Sonographically normal liver
- Congealed gallbladder debris (non-mucocele)
- Discreet splenic nodule -most suggestive of probable myelolipoma or nodular hyperplasia
- Age related renal changes
- Intermittent normal to mildly prominent mesenteric lymph nodes - not consistent with neoplastic/ metastatic criteria

## WEIGHT

14.2kg

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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall a largely mild geriatric abdomen without significant visceral pathology or neoplastic/ metastatic criteria. Correlation with pending screening hepatosplenic FNA cytology recommended. Sonographic monitoring of the mesenteric lymph nodes and splenic nodule for progression or based on oncology recommendations is indicated.

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## HOSPITAL NAME

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**BREED**

French Bulldog

**SEX**

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**AGE**

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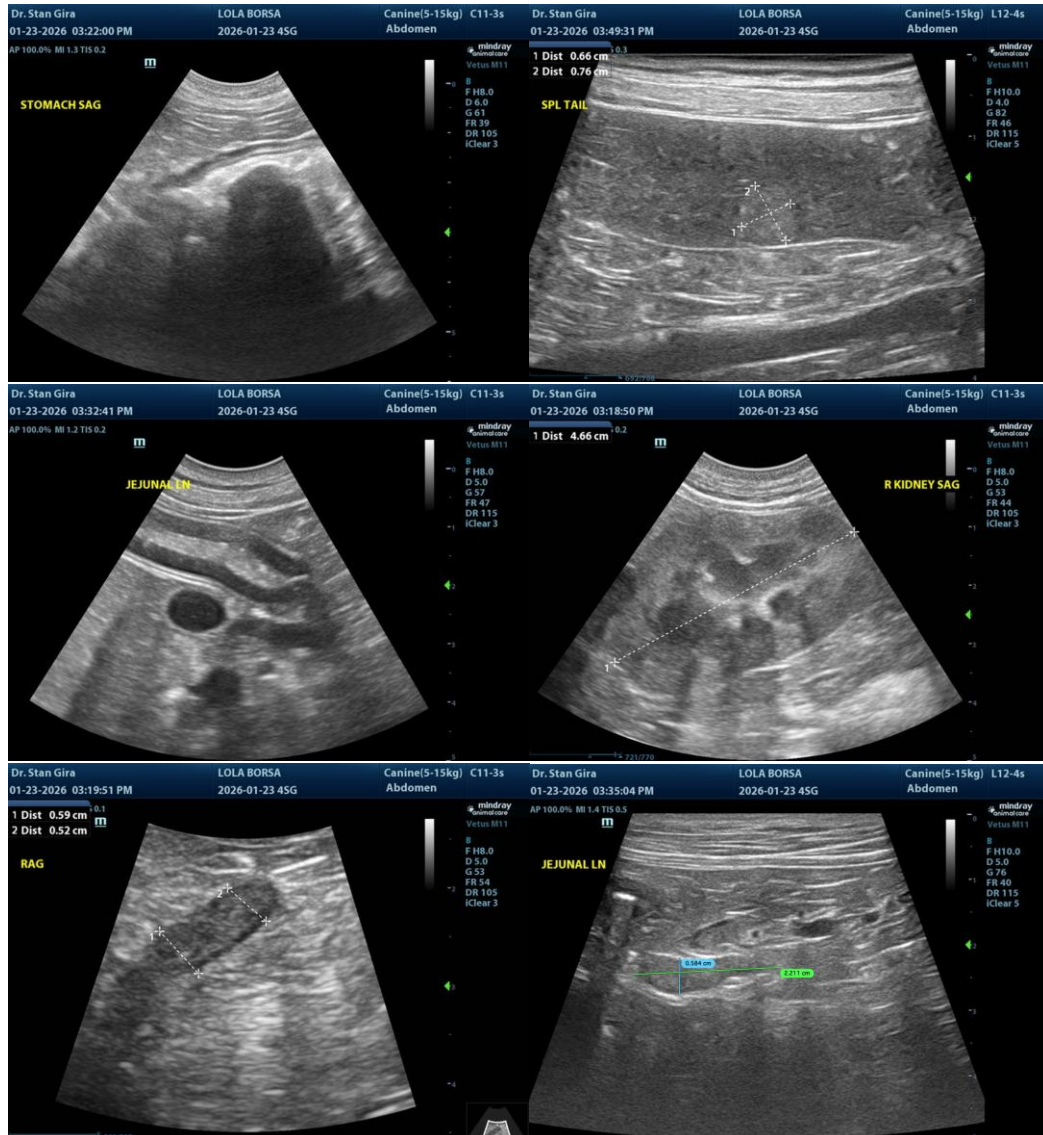
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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