



PATIENT

Max Franco

PRESENTING CLINICAL SIGNS

Splenomegaly found on wellness exam in November; otherwise, healthy and non-clinical. Tick PCR panel - negative. ALT 141; ALP 201

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

BREED

Stabyhoun

SEX

MN

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.1 cm in diameter.

AGE

11 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

74.3 lbs.

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 6.3 cm in length. The right kidney measured 6.0 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.69 cm width at the caudal pole and 0.76 cm width at the cranial pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.57 cm width at the caudal pole and 0.64 cm width at the cranial pole.

Spleen

The spleen exhibited subjective normal size with maintained symmetrical capsule contour and generalized mild splenic heterogeneity. No splenic masses or nodules present. Vascularity was normal.

Liver/ Gallbladder

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. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material. The gastric body wall measured 0.40 cm.

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Littleton AH

REFERRING VET

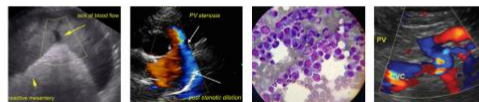
Dawn Brooks, DVM

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DATE

1/27/22



PATIENT Max Franco
 The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The duodenum wall measured 0.47 cm.

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

BREED Stabyhoun
Pancreas
 The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

SEX MN
Free Abdomen
 No overt lymphadenopathy or peritoneal effusion was present.

AGE 11 years
ULTRASONOGRAPHIC FINDINGS

- Subjective normal spleen size with mild generalized parenchyma heterogeneity
- Mild hepatopathy- subjectively benign
- Bilateral mild chronic renal changes
- Mild pancreatic remodeling- age-related/patient variant, mild remodeling owing to previous inflammation possible, considered incidental

WEIGHT 74.3 lbs.
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
 No overt evidence of splenic neoplastic criteria which is considered unlikely, age-related splenic parenchymal changes, hyperplasia, hematopoiesis incidental splenitis possible. Ultrasound guided FNA of the spleen, using a 25-gauge needle and assuming normal clotting status, could be considered for screening cytology, primarily to ensure only benign changes are present. Radiographic monitoring of the spleen with sonographic reassessment, if recurrent or persistent splenomegaly would be a more conservative approach.

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Hepatosupportive medications, including Denamarin and Ursodiol may prove beneficial.



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SPECIES

Canine

BREED

Stabyhoun

SEX

Male

AGE

11 years

WEIGHT

74.3 lbs.

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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



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that was not visible in the image/video clips provided.

Max Franco

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.

SPECIES

Canine

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BREED

Stabyhoun

SEX

MN

AGE

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WEIGHT

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