



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Pumba Shahhovskoi
Pumba" Shahhovskoi is a 9yr 3mo old, M/N, Labrador Retriever mix weighing 100.7#. Pumba had a previous abdominal US with you on 6/19/21. Today's scan is a follow-up from previous scan to monitor liver and spleen.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES
Canine

Urinary System

BREED 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 were noted.

SEX The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.5 cm in diameter.

MN No evidence of pathology in the area of the aortic trifurcation.

AGE Normal size and margination was 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 7.1 cm in length. The right kidney measured 7.2 cm in length.

WEIGHT 100
Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.83 cm width at the caudal pole and 0.65 cm width at the cranial pole. The right adrenal gland measured 0.71 cm width at the caudal pole and 0.74 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present. Previously noted non-expansive subtly hypoechoic parenchymal nodules were present. An example measured 0.70 cm diameter. The nodules appeared to be less hypoechoic than the initial study. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

HOSPITAL NAME

Tahoe Integrative Care

REFERRING VET

Dr Wendy Robinson

Liver / Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. Intermittent subtly hypoechoic non-expansive parenchymal nodules along with potential isoechoic hepatoma-like mass present in the mid to right liver. The potential mass measured approximately 6.3 cm diameter. This may also indicate a focal area of variable lobar swelling with associated mild asymmetrical caudal hepatic contour.

INVOICE

47288

DATE

9-3-21

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



PATIENT *Gastrointestinal*

Pumba Shahhovskoi The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild echogenic, non-shadowing ingesta likely consistent with recent meal ingestion without signs of obstruction or foreign material.

SPECIES

Canine

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.

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

BREED

Lab

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.

SEX

MN

Free Abdomen

A focal, mildly prominent to enlarged mesenteric lymph node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 2.5 cm length x 0.59 cm width.

AGE

9 Years

No overt peritoneal effusion was present.

WEIGHT

100

ULTRASONOGRAPHIC FINDINGS

- Static previously noted likely benign splenic nodules.
- Static hepatic parenchymal changes with parenchymal remodeling, subtly hypoechoic nodules, and possible static hepatoma-like mass in mid to right liver.
- Age related renal changes.
- Static previously noted benign to reactive mesenteric lymph node.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of progressive hepatosplenic changes. Continued periodic sonographic monitoring based on the clinical impression of the patient would be appropriate. As previously mentioned, and assuming normal clotting status, hepatosplenic FNA may be considered for further clarification.

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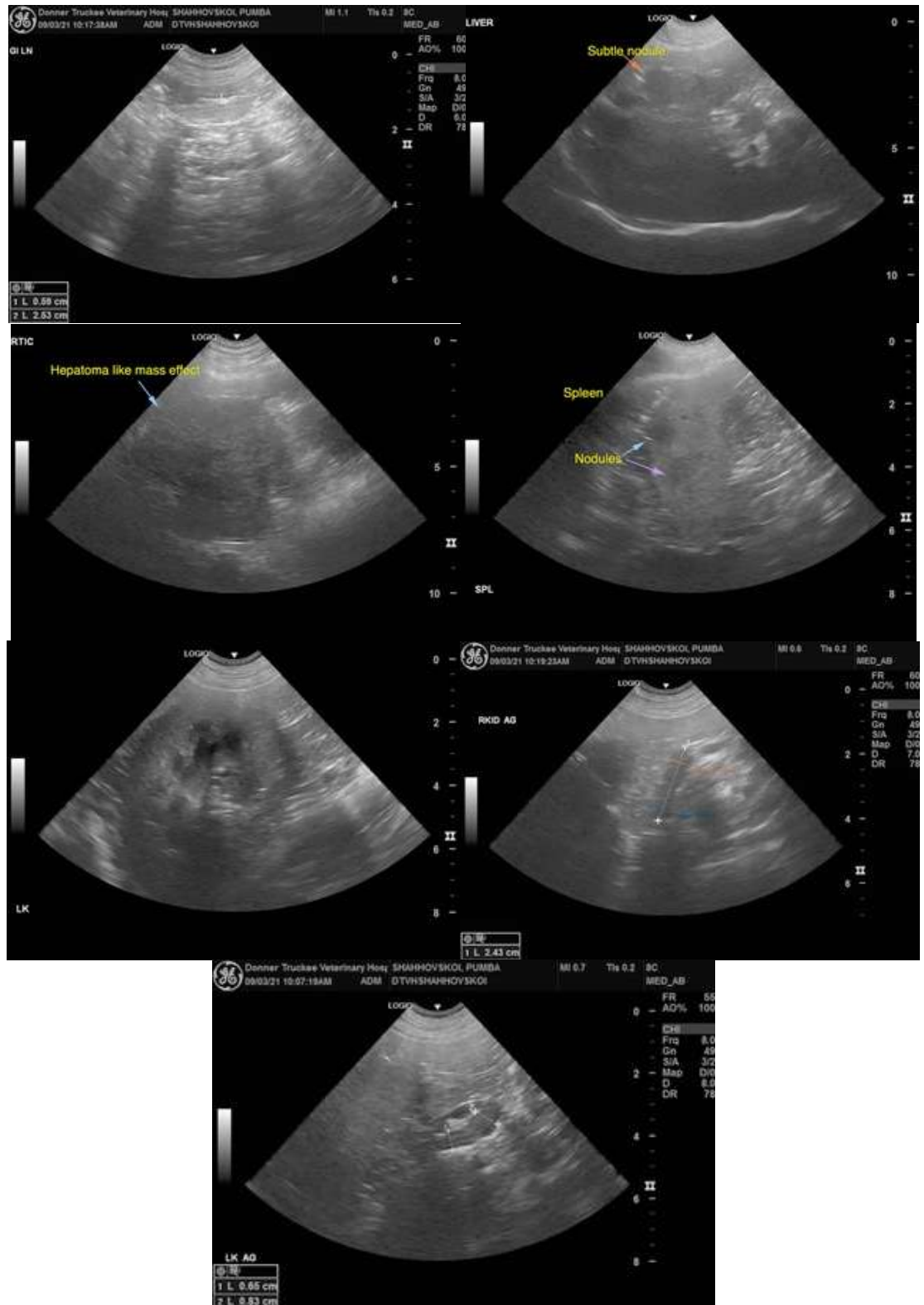
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SPECIES

Canine

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.

BREED

Lab

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.

SEX

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

MN

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