



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Francesca Saldana	Reason for Visit: Wellness exam and vaccines History: P is coming for a wellness exam and vaccines. O adopted her from her neighbor who recently passed away. O has P since a week ago and she says p has been doing good at home, eating well and playing around with the other dogs. O wants to do a dental consult, she's not sure p has ever had a dental done.
<b>SPECIES</b>	
Canine	Abnormal PE/Chem/CBC/UA Results: 8/8/22 1) CBC: WNL 2) CHEM: ALT 269 (18-121) 10/12/22 ALT 458 (10-125), AST 102 (0-50)
<b>BREED</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Chihuahua	<b>Urinary System</b>
<b>SEX</b>	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.
FS	
<b>AGE</b>	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured - cm in length. The right kidney measured - cm in length.
6yr	
<b>WEIGHT</b>	The area of the aortic trifurcation was free of pathology.
8.2lb	<b>Adrenal Glands</b>
<b>INTERPRETED BY</b>	The left adrenal gland was indistinctly visualized with overtly normal size position and shape. The left adrenal gland measured 0.38 cm width at the caudal pole. No obvious pathology was present in the area of the right adrenal gland.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b>Spleen</b>
<b>IMAGING PERFORMED BY</b>	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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, neoplastic, or benign parenchyma changes were not noted.
Dr. Rivera	<b>Liver</b>
<b>HOSPITAL NAME</b>	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. Subtle increased prominence of portal vascular borders was noted. Subjective normal hepatic vascular volume was present.
DPC Veterinary Hospital	<b>Gastrointestinal</b>
<b>REFERRING VET</b>	The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild hyperechoic debris in the caudal lumen and gallbladder neck. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.
Dr. Rivera	
<b>INVOICE</b>	
11922ag	
<b>DATE</b>	
10/19/2022	



**PATIENT**

Francesca Saldana

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.

**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**

Chihuahua

***Free Abdomen***

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

**SEX**

FS

**ULTRASONOGRAPHIC FINDINGS**

- Benign hepatopathy-suspect low grade to potentially inflammatory hepatopathy with potential for portal hypoplasia/microvascular dysplasia possible
- Mild gallbladder debris (non-mucocele)

**AGE**

6yr

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

8.2lb

Assuming normal clotting status and using a 25g needle, a hepatic FNA for screening cytology is warranted with potential identification in inflammatory cell type. No overt evidence of a macroscopic portosystemic shunt was noted. Hepatic functionality is assumed to be normal if the ALB, GLU, BUN and CHOL levels, however bile acid testing may be considered for further assessment. Hepatic core surgical biopsy likely required for a definitive diagnosis.

**INTERPRETED BY**

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

Hepatosupportive medications such as Denamarin or Vitamin E as well as Ursodiol due to its antioxidant and immunomodulatory effects within the liver would be warranted, although these medications may not result in decreased hepatic enzyme levels.

No overt anesthetic contraindications if no evidence of hepatic dysfunction.

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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Hospital

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**PATIENT**

Francesca Saldana

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

FS

**AGE**

6yr

**WEIGHT**

8.2lb

**INTERPRETED BY**

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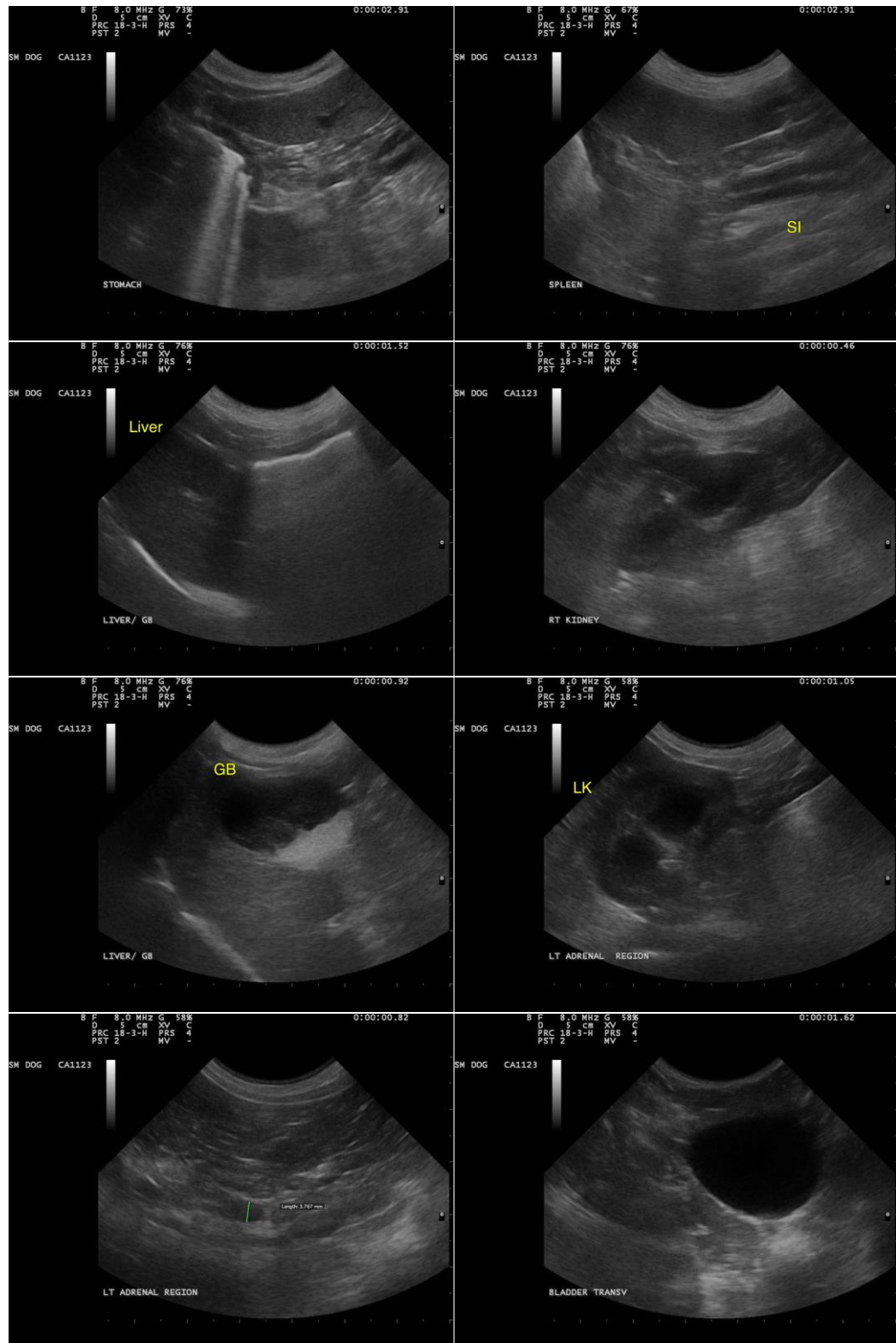
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



**PATIENT**

Francesca Saldana

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

**SPECIES**

Canine

info@SonoPath.com

**BREED**

Chihuahua

**SEX**

FS

**AGE**

6yr

**WEIGHT**

8.2lb

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