



**PATIENT**

Macarena Morenko

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

58 pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Santa Clara Animal  
Hospital

**REFERRING VET**

Dr. Malec

**INVOICE**

13406

**DATE**

01/26/26

**PRESENTING CLINICAL SIGNS**

Clinical Exam Findings: Presented to different clinic on 12/12/25 for petechiation and ecchymoses, thrombocytopenia confirmed (20k platelets) 4Dx negative, started on doxycycline and Prednisone. Platelets normalized at 1 week recheck, however pt started vomiting, petechiation resolved. Subsequent rechecks showed fluctuating platelet levels (ranged from 100k to 400k+). Pt has been having persistent vomiting and diarrhea for few weeks, stool sample negative. Other dog in the house started having diarrhea recently, unsure if resolved at this time. Pt's diarrhea has not resolved with bland diet and probiotics, vomiting resolved. Recheck bloodwork shows thrombocytosis and elevated liver values.

ABNORMAL Labwork Values: Neutrophils- 11.28 (high) Monocytes- 1.2 (high) Platelets- 435 (high) No abnormal morphology noted on pathologist review Total protein- 7.7 (high) ALT- 441 (high) ALP- 750 (high) GGT- 71 (high) Cholesterol- 408 (high)

Current Medications: Prednisone 10mg SID

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 change were noted.

The area of the aortic trifurcation was free of pathology.

Normal size and margination was 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 5.6 cm in length. The right kidney measured 5.9 cm in length.

**Adrenal Glands**

The adrenal glands were not definitively visualized likely secondary to suppression owing to steroid therapy. No obvious pathology in the area of the left and right adrenal glands.

**Spleen**

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.

**Liver & Gallbladder**

The liver presented normal in size. Mild hypoechoic parenchyma compared to the spleen exhibiting mild coarse echotexture. Mild increased prominence of the intrahepatic hyperechoic portal vascular



**PATIENT**

Macarena Morenko

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

58 pounds

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Santa Clara Animal  
Hospital

**REFERRING VET**

Dr. Malec

**INVOICE**

13406

**DATE**

01/26/26

borders. The capsule of the liver was normal in margination. Distinct masses or nodules were not evident. Subjective adequate vascular volume.

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 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.

***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.

***Free Abdomen***

No overt lymphadenopathy or peritoneal effusion was present.

**ULTRASONOGRAPHIC FINDINGS**

- Hepatopathy.
- Normal gallbladder.
- Sonographically normal gastrointestinal tract.
- Normal spleen.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The hepatopathy is nonspecific yet suggestive of benign to potentially acute hepatopathy criteria, vacuolar or non-obstructive cholestatic hepatopathy, nonspecific hepatitis (viral, bacterial, leptospirosis, toxin), medication associated hepatopathy or potential toxicosis are all potentials. No evidence of post-hepatic obstruction. If normal clotting status and accessible, hepatic FNA cytology could be considered for further clarification, primarily to assess for inflammatory criteria. Monitoring of albumin, glucose, BUN and cholesterol levels for evidence of hepatic dysfunction +/- bile acid profile, if clinically indicated, is recommended. Hepatosupportive medications in conjunction with current therapy may prove beneficial. No sonographic evidence of neoplastic criteria.



**PATIENT**

Macarena Morenko

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

58 pounds

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Santa Clara Animal  
Hospital

**REFERRING VET**

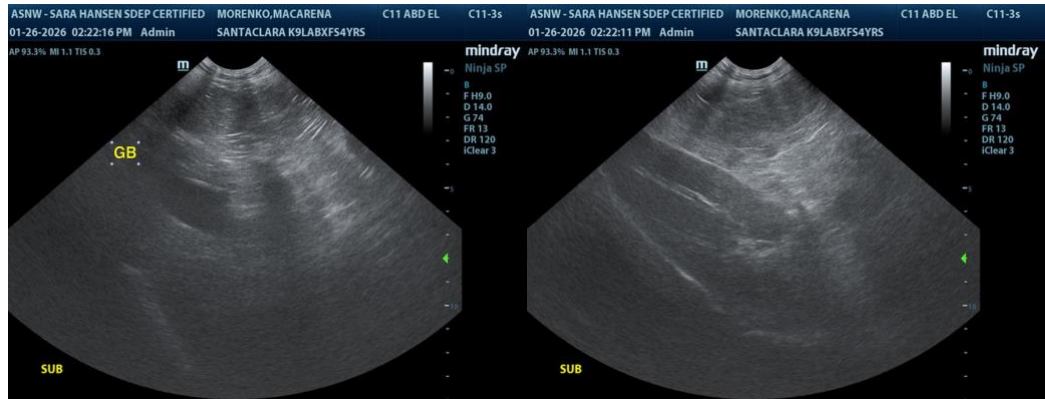
Dr. Malec

**INVOICE**

13406

**DATE**

01/26/26





**PATIENT**

Macarena Morenko

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

58 pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Santa Clara Animal  
 Hospital

**REFERRING VET**

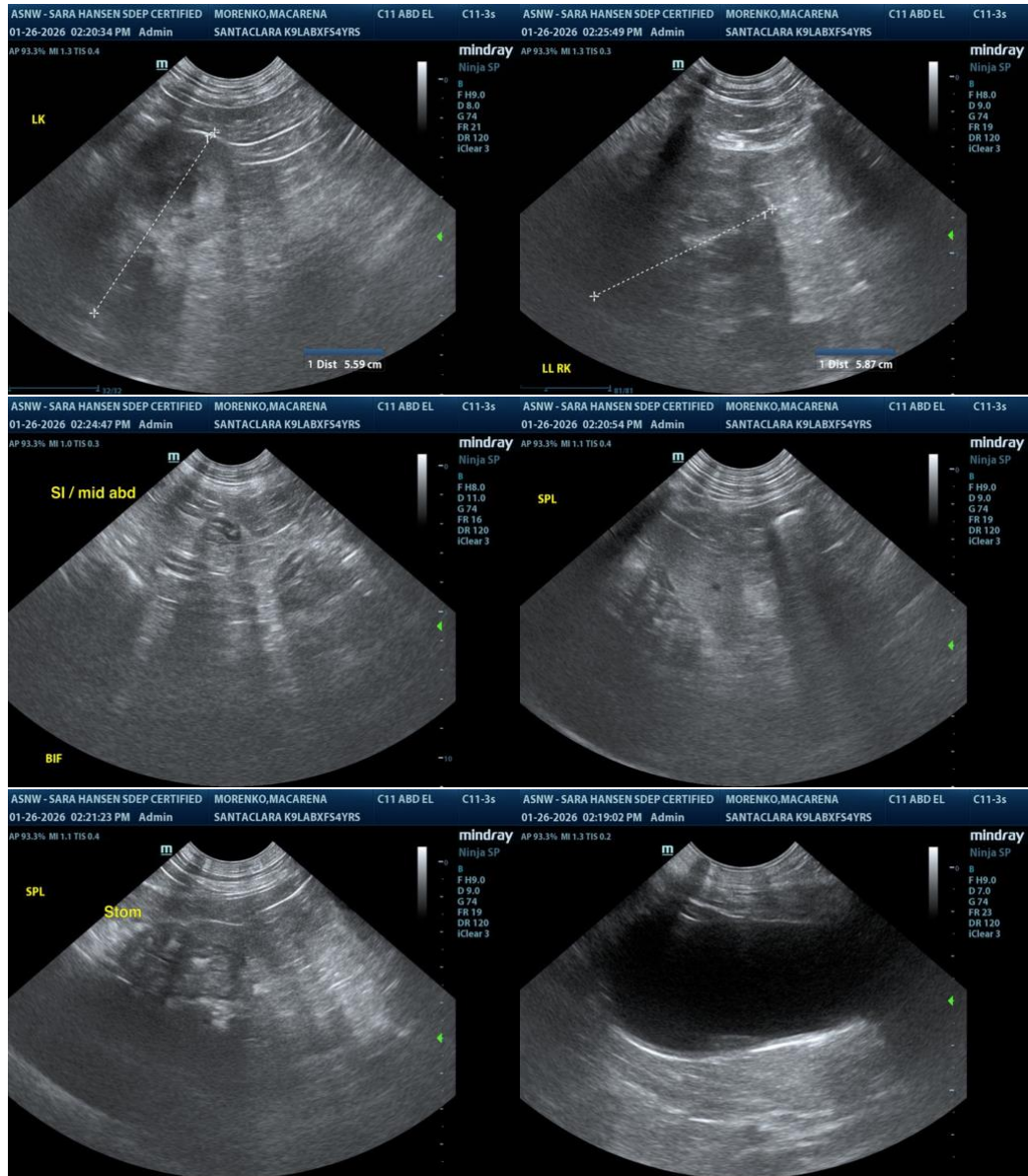
Dr. Malec

**INVOICE**

13406

**DATE**

01/26/26



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.

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

[info@SonoPath.com](mailto:info@SonoPath.com)