



PATIENT

Angel Jacobs

SPECIES

Canine

BREED

Poodle Mix

SEX

FI

AGE

17 months

WEIGHT

10.22 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

Dr. Pappas

INVOICE

10350

DATE

11/13/25

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: Pt presented for acute episode of vomiting, hx of chronic vomiting Underweight

ABNORMAL Labwork Values Chem17: elevated ALT and ALP (508, ALP 22) PCV/TS: 55% and 5.4 g/dL
 Current Medications None Radiographic Findings None

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 evidence of urine 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.

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

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 4.0 cm in length. The right kidney measured 4.2 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 0.49 cm width at the caudal pole. The area of the right adrenal gland was free of visualized pathology.

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 was subjectively normal in size, structure, and contour. Normal hepatic vascular volume was present. 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 without evidence of retained ingesta, fluid, 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. There is no evidence of



PATIENT

Angel Jacobs

SPECIES

Canine

BREED

Poodle Mix

SEX

FI

AGE

17 months

WEIGHT

10.22 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

Dr. Pappas

INVOICE

10350

DATE

11/13/25

mechanical/ metabolic ileus to the level of the colon. The duodenum wall measured 0.39 cm width. The jejunum wall measured 0.33 cm width.

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 were evident.

Free Abdomen

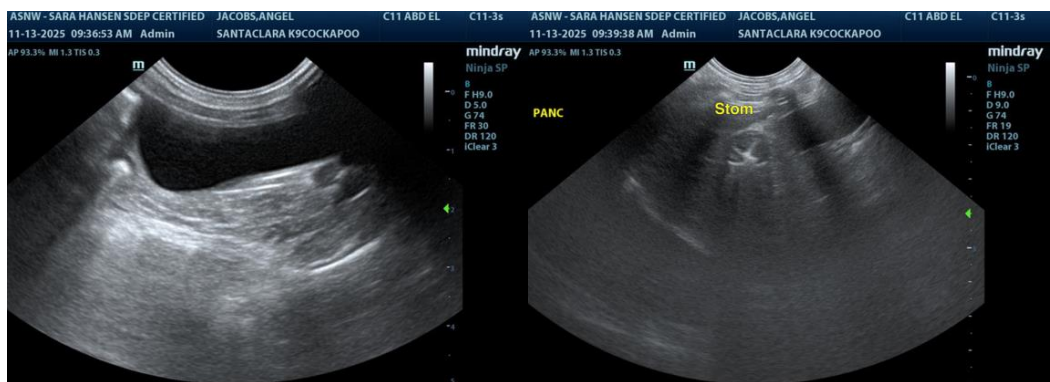
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Sonographically normal empty gastrointestinal tract
- Normal area of pancreas
- Sonographically unremarkable normal volume liver - consistent with benign hepatopathy
- Normal gallbladder

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further assessment of the liver may include, assuming normal clotting status, FNA cytology +/- Leptospirosis titers/PCR if potential exposure. No evidence of an obvious intrahepatic or extrahepatic macroscopic shunt. Bile acid ASSAY is suggested if evidence of hepatic dysfunction, i.e., clinical hepatopathy or abnormal BUN, glucose, cholesterol, or albumin levels. A GI panel to include PLI/TLI/Cobalamin/Folate to assess for nonstructural intestinal disease, given the reported underweight body condition, is recommended. Hepato-gastrointestinal support is indicated pending additional diagnostics.





PATIENT

Angel Jacobs

SPECIES

Canine

BREED

Poodle Mix

SEX

FI

AGE

17 months

WEIGHT

10.22 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

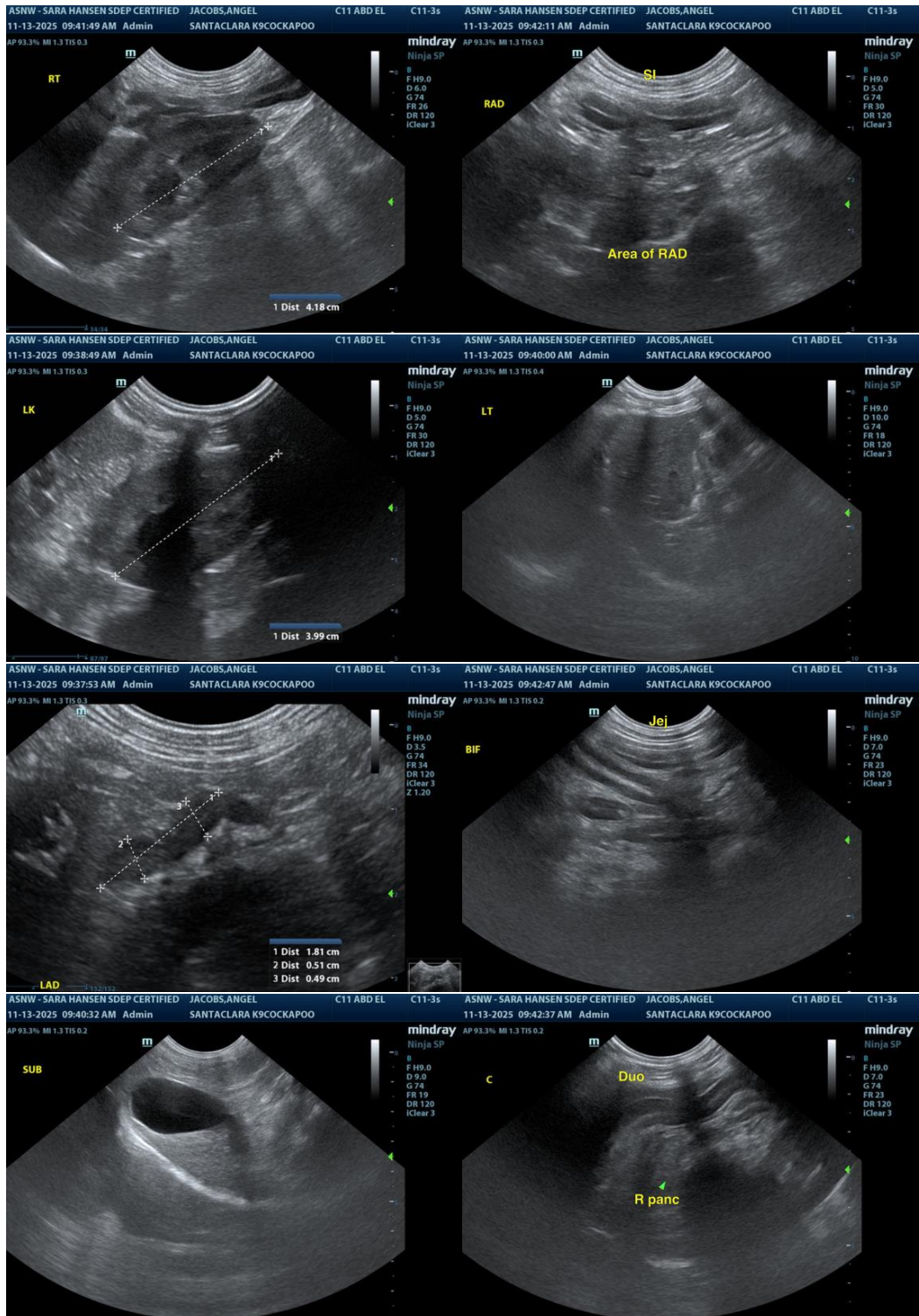
Dr. Pappas

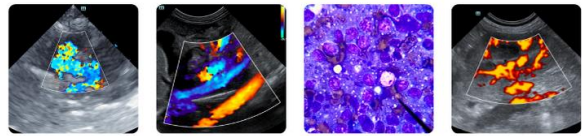
INVOICE

10350

DATE

11/13/25





PATIENT

Angel Jacobs

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.

SPECIES

Canine

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.

BREED

Poodle Mix

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

SEX

FI

AGE

17 months

WEIGHT

10.22 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

Dr. Pappas

INVOICE

10350

DATE

11/13/25