



PATIENT PRESENTING CLINICAL SIGNS

Rosie Ling

Clinical Exam Findings:

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

- Diabetic cat currently being managed with Senvelgo.
- Intermittent abdominal pain and straining to defecate, being managed with MiraLAX and SQ fluids at home
- Decreased energy and increased abdominal pain recently, radiographs show gassy GI and possible mass effect in cranial abdomen
- ABNORMAL Labwork Values- Most recent complete labs from October 2025- LYM 0.67, BUN 42, Lipase 2555, K 3.3, glucose 460, Glucose 1/16- 167, Ketones 1/16- 1.8
- Current Medications- Senvelgo + MiraLAX
- Radiographic Findings- Diffusely gassy GI, cranial deviation of stomach on lateral projection with increased soft tissue opacity near liver/spleen

AGE

15 Years

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 change were noted.

WEIGHT

12 pounds

INTERPRETED BY

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

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. A medial cyst was visualized within the left kidney measuring 0.54 cm in diameter along with bilateral minor pyelectasia. The left kidney measured 4.0 cm in length. The right kidney measured 4.2 cm in length.

IMAGING PERFORMED BY

Sara Hansen

Adrenal Glands

No obvious pathology in the areas of the left and right adrenal glands. The left adrenal gland subjectively measured 0.33 cm width. The right adrenal gland subjectively measured 0.48 cm width.

HOSPITAL NAME

Santa Clara AH

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.

REFERRING VET

Dr. Malec

INVOICE

13255

Liver & Gallbladder

The liver revealed moderate to significant generalized hepatomegaly exhibiting symmetrical rounded hepatic capsule contour and nonhomogenous normal to mild increased hepatic parenchyma echogenicity. Subjective normal hepatic vascular volume without definitive congestive criteria.

DATE

01/19/26

Transdiaphragmatic view revealed a focal to mild comet tail lung pattern, which is echogenic sound wave interface with microconsolidations within the caudal lung field. The lung field should not be visualized by sonogram unless pathology is present. Chest radiographs are recommended to rule out



PATIENT

alveolar/lung disease such as neoplasia, thromboembolic disease, chronic inflammatory disease with microconsolidation.

Rosie Ling

SPECIES

The gallbladder was non distended in size with mild nonorganized biliary sludge. The proximal common bile duct was dilated and mild tortuous without overt post hepatic obstruction. The common bile duct was not definitively visualized to the level of the duodenum.

Feline

Gastrointestinal

BREED

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.

DSH

SEX

The small intestine presented intact wall layering with overall maintained wall layer ratio with borderline to mild thickened small intestinal wall and empty intestinal lumen to the level of the colon.

Spayed Female

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

AGE

Pancreas

15 Years

The left pancreas presented prominent in size with capsule asymmetry and heterogeneous to remodeled parenchyma. Mildly prominent left limb pancreatic duct.

WEIGHT

Free Abdomen

12 pounds

No visualized significant or swollen omental lymphadenopathy or masses were present. A mild volume of peritoneal effusion was visualized.

INTERPRETED BY

ULTRASONOGRAPHIC FINDINGS

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

Primary Findings

IMAGING PERFORMED BY

- Moderate to significant hepatomegaly.
- Mild gallbladder debris with nonobstructive proximal common bile duct dilation.
- Focal to mild transdiaphragmatic comet tail artifact.
- Intact mildly thickened small intestinal wall.
- Chronic/chronic active pancreatitis pattern with remodeling.
- Mild volume peritoneal effusion.
- Normal nondistended visible colon.

Sara Hansen

HOSPITAL NAME

Secondary Findings

Santa Clara AH

REFERRING VET

- Chronic renal changes exhibiting minor pyelectasia and small left kidney cyst.

Dr. Malec

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

Assuming normal clotting status and using a 25-gauge needle with vitamin K pretreatment, hepatic FNA cytology could be considered to differentiate between metabolic, vacuolar or inflammatory hepatopathy, lipidosis, or considered less likely, occult round cell neoplasia. Correlation with effusion analysis would be ideal. A GI panel to include PLI, TLI, cobalamin and folate to correlate with the intestinal and pancreatic presentation may be considered. Three view chest radiographs are recommended if not done. No overt abdominal mass with radiographic soft tissue opacity suspected to be secondary to hepatomegaly, likely. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

13255

DATE

01/19/26



PATIENT

Rosie Ling

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

12 pounds

INTERPRETED BY

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

**IMAGING
 PERFORMED BY**

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

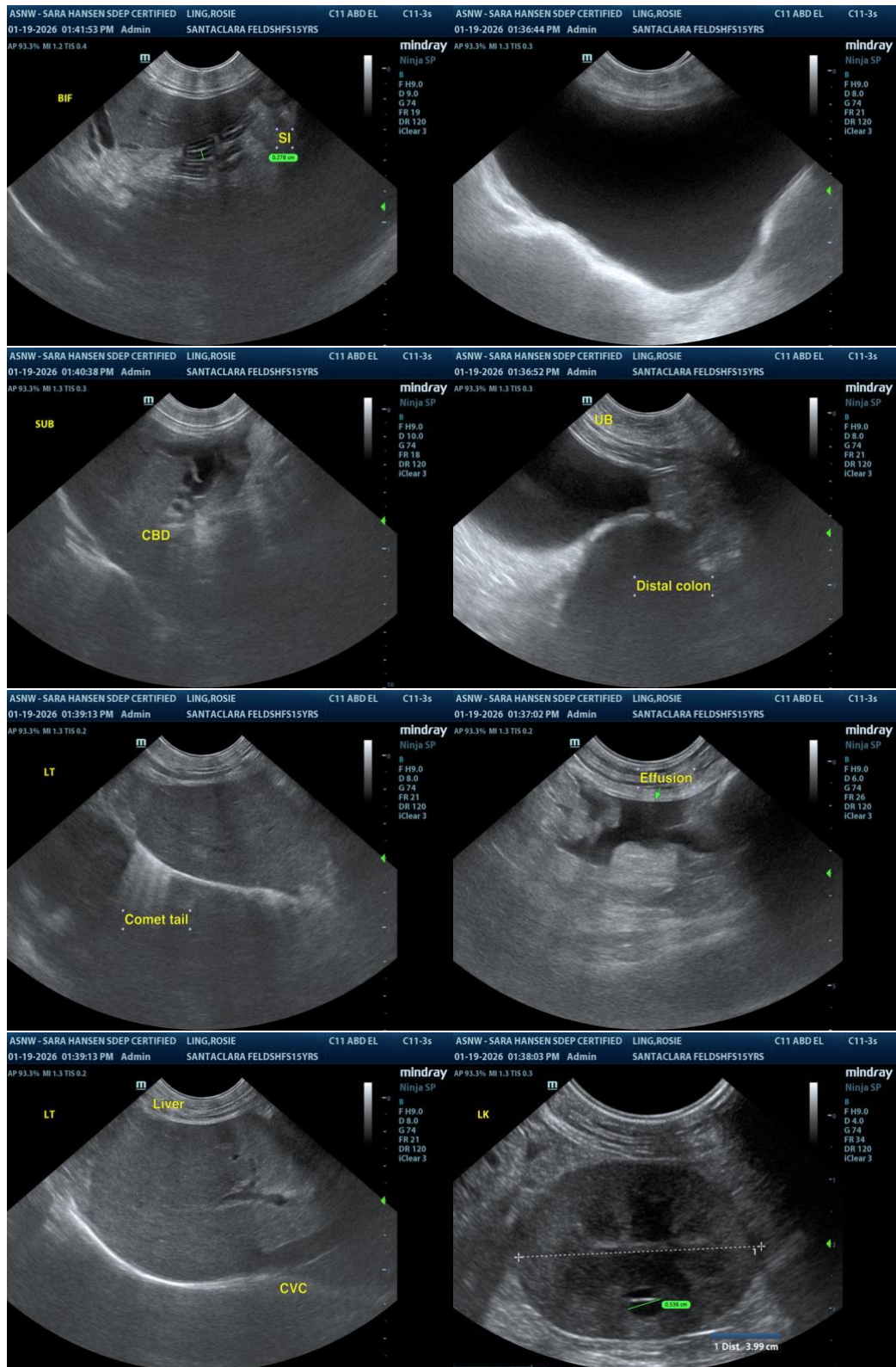
Dr. Malec

INVOICE

13255

DATE

01/19/26





PATIENT

Rosie Ling

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

12 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

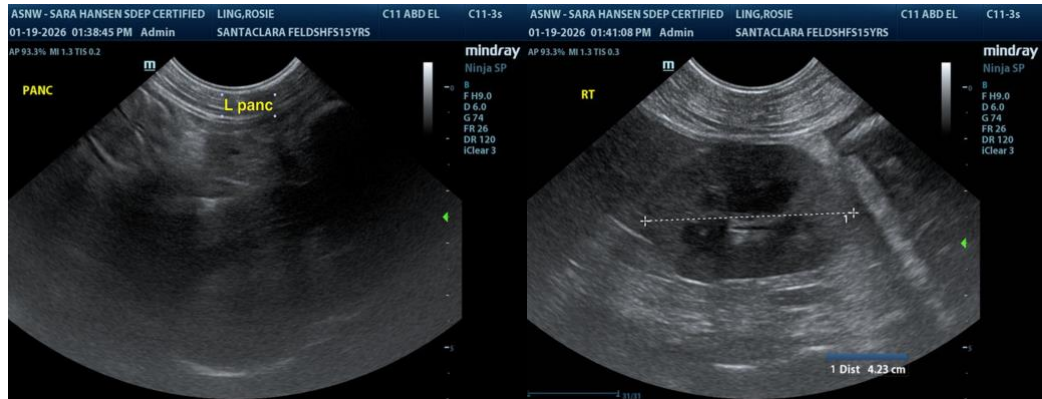
Dr. Malec

INVOICE

13255

DATE

01/19/26



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