



PATIENT

Mai Tai Hursh

SPECIES

Canine

BREED

Chihuahua Mix

SEX

FS

AGE

9yr

WEIGHT

8.2kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Alyssa Huntington,
DVM

HOSPITAL NAME

Wilvet South

REFERRING VET

Alyssa Huntington,
DVM

INVOICE

23059

DATE

11/25/2025

PRESENTING CLINICAL SIGNS

6am this morning O woke up and found 2 piles of v, one looked like grass but it was a much darker color and the other one had a little kibble and bile. Pt has not come out of her bed at all and was just sleeping. O came home at 12pm and pt's abdomen was very tense and she screamed when o tried to touch it. Pt did not want to eat, drink, or get treats today. Pt is usually very food motivated.

Abnormal PE/Chem/CBC/UA Results: Chem Total Protein: 8.5 g/dL (High, Reference: 5.2 - 8.2 g/dL) Globulin: 5.3 g/dL (High, Reference: 2.5 - 4.5 g/dL) ALT: 129 U/L (High, Reference: 10 - 125 U/L) ALP: 519 U/L (High, Reference: 23 - 212 U/L) GGT: 14 U/L (High, Reference: 0 - 11 U/L) Amylase: 333 U/L (Low, Reference: 500 - 1,500 U/L) CBC (5:04 PM) RBC: 9.25 M/ μ L (High, Reference: 5.65 - 8.87 M/ μ L) Reticulocyte Hemoglobin: 22.2 pg (Low, Reference: 22.3 - 29.6 pg) WBC: 26.58 K/ μ L (High, Reference: 5.05 - 16.76 K/ μ L) Neutrophils: 23.79 K/ μ L (High, Reference: 2.95 - 11.64 K/ μ L) Monocytes: 1.24 K/ μ L (High, Reference: 0.16 - 1.12 K/ μ L) Eosinophils: 0.01 K/ μ L (Low, Reference: 0.06 - 1.23 K/ μ L) MPV: 13.3 fL (High, Reference: 8.7 - 13.2 fL) Plateletcrit: 0.53 % (High, Reference: 0.14 - 0.46 %)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was distended in size. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with moderate non-dependent, non-mineralized urine sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

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. Bilateral areas of mild medullary mineral were present. The left kidney measured 4.3 cm in length. The right kidney measured 5.1 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left and right adrenal glands were not definitively visualized.

Spleen

The spleen exhibited mild enlargement with 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. The hepatic parenchyma revealed diffuse reduced echogenicity compared to the spleen and renal cortical parenchyma with a mild coarse echotexture. Increased portal vein prominence was evident. The capsule of the liver was normal in margination. Distinct masses or nodules were not evident. The hepatic and portal vasculature were normal in appearance.



PATIENT

Mai Tai Hursh

The gallbladder was distended in size. The gallbladder lumen was occupied by non-dependent, mildly organized non-mineralized bile sediment. Pericholecystic to generalized cranial abdomen omental inflammation and mild volume pericholecystic to peritoneal effusion was present.

SPECIES

Canine

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild to moderate gastric distension with primarily anechoic fluid and chyme was present. No evidence of shadowing gastric echo, overt foreign material or mechanical pyloric outflow obstruction.

BREED

Chihuahua Mix

The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis / mucosa ratio. The mucosa exhibited mild decreased echogenicity with occasional mucosal speckling. A segmental to diffuse ileus pattern consisting of mild fluid accumulation in the intestinal lumen was present without obstruction or foreign material.

SEX

FS

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

AGE

9yr

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.

WEIGHT

8.2kg

Free Abdomen

No overt lymphadenopathy was present.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

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

Primary

- Gallbladder mucocele with pericholecystic to cranial abdomen peritonitis- concern for bile peritonitis
- Hepatopathy
- Gastroenteritis accentuated by hypomotile gastritis.

IMAGING PERFORMED BY

Alyssa Huntington,
DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

As soon as possible or when the patient is stabilized, laparotomy with cholecystectomy and hepatic biopsies assuming normal clotting status, including broad spectrum perioperative antibiotics and analgesia is indicated. This case is considered of surgical urgency. A guarded prognosis is indicated even with surgical intervention given high concern for bile peritonitis.

HOSPITAL NAME

Wilvet South

REFERRING VET

Alyssa Huntington,
DVM

Perioperative gastrointestinal support without evidence of mechanical gastrointestinal obstruction or sonographically active pancreatitis is recommended

INVOICE

23059

DATE

11/25/2025



PATIENT

Mai Tai Hursh

SPECIES

Canine

BREED

Chihuahua Mix

SEX

FS

AGE

9yr

WEIGHT

8.2kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Alyssa Huntington,
DVM

HOSPITAL NAME

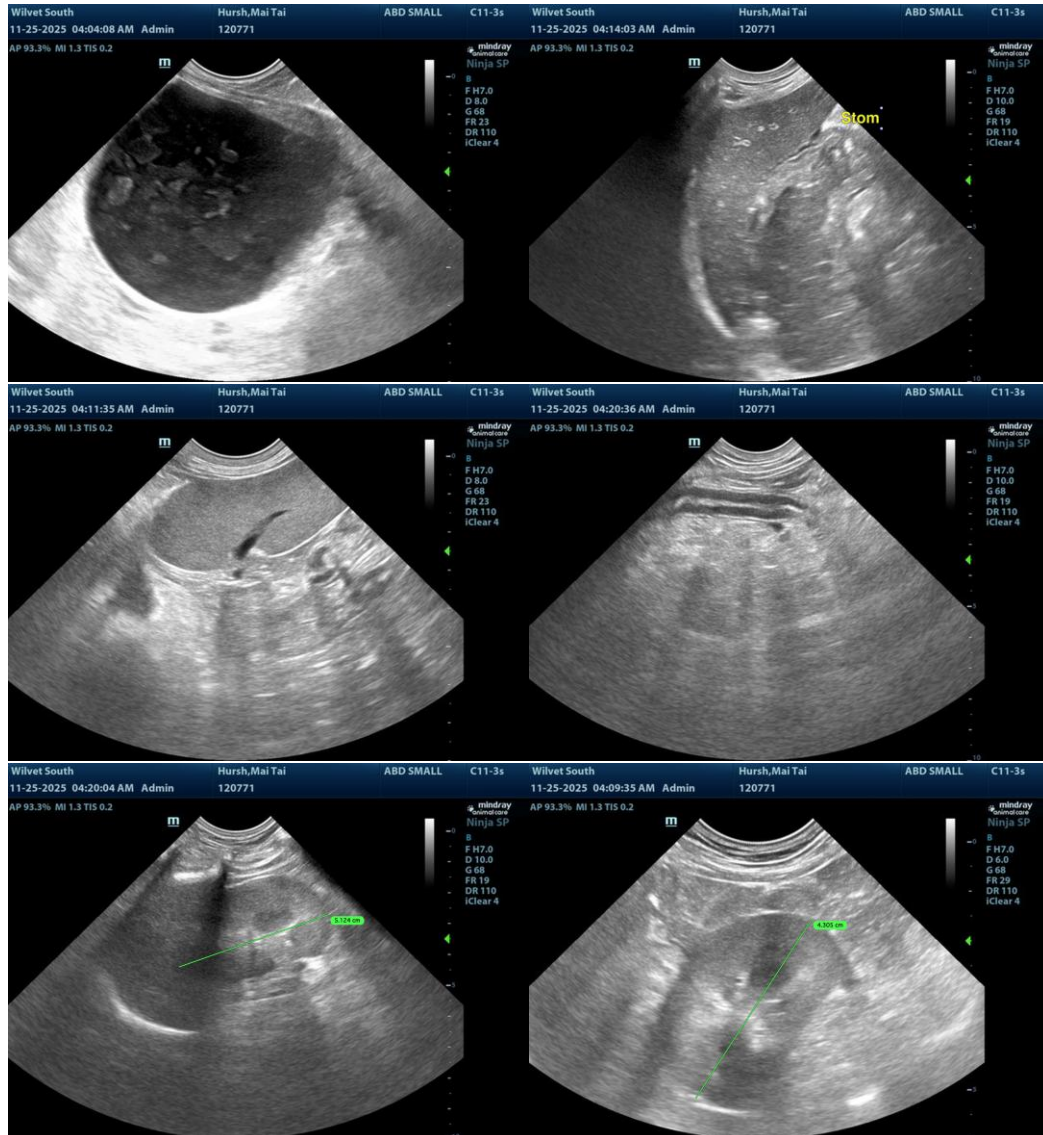
Wilvet South

REFERRING VET

Alyssa Huntington,
DVM

INVOICE
23059

DATE
11/25/2025





PATIENT

Mai Tai Hursh

SPECIES

Canine

BREED

Chihuahua Mix

SEX

FS

AGE

9yr

WEIGHT

8.2kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Alyssa Huntington,
DVM

HOSPITAL NAME

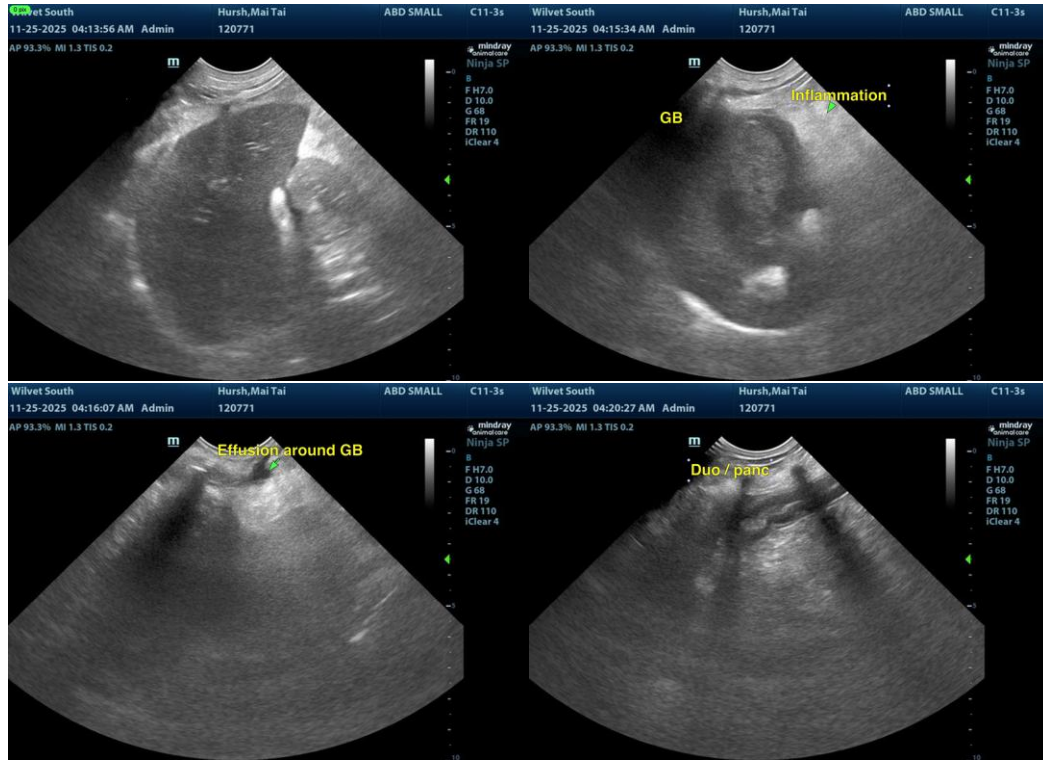
Wilvet South

REFERRING VET

Alyssa Huntington,
DVM

INVOICE
23059

DATE
11/25/2025



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