



PATIENT

Cindyloo Tsai

PRESENTING CLINICAL SIGNS

History: Vomiting, losing weight. Current meds: Pred 2.5mg SID, Thyroxine 0.1mg SID
Abnormal PE/Chem/CBC/UA Results: WNL

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Persian

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with mostly anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 1-2 cm, are normal.

SEX

Female, spayed

The left kidney is normal size (3.87 cm in length); normal shape and architecture with smooth peripheral margins. The cortex is hyperechoic and there is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

13 Yrs.

The right kidney is normal size (4.04 cm in length); normal shape and architecture with smooth peripheral margins. The cortex is hyperechoic and mildly thickened with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

6 lbs.

Adrenal Glands

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

The left adrenal gland is normal in size (0.35 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal in size (0.38 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

IMAGING PERFORMED BY

Jessica Miller

The spleen is normal in size (0.61 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

HOSPITAL NAME

Companion AH
Parsippany

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein: caudal vena cava ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of echogenic debris is observed within the lumen, most of which is gravity-dependent and a small amount of which is suspended. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Tsai

INVOICE

13921

Gastrointestinal

The gastric lumen is not distended. The gastric wall in the region of the fundus is normal in thickness with a normal layering pattern. A focal (2 cm) hypoechoic wall thickening (up to 0.73 cm) is observed

DATE

9/6/22



PATIENT

Cindyloo Tsai

near the pyloric antrum. There is loss of the normal layering pattern in this region. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal with retention of the normal layering pattern. There is disruption in the normal 1:3 muscularis: mucosal ratio. The colonic wall is normal. The colonic lumen contains shadowing fecal material. The mesentery effacing the serosal surface in this region is hyperechoic. No obstructive disease is noted.

SPECIES

Feline

Pancreas

BREED

Persian

The pancreas is diffusely prominent in size with minimal deviation from the normal peripheral contours. The parenchyma is mildly hypoechoic relative to surrounding omental fat and subtly mottled in appearance. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated. The mesentery effacing the serosal surface is mildly hyperechoic.

SEX

Female, spayed

Free Abdomen

Trace free fluid is observed. The abdominal lymph nodes are normal/not visible.

AGE

13 Yrs.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

6 lbs.

- The focal gastric wall thickening could be consistent with infiltrative neoplasia (i.e., adenocarcinoma, round cell tumor), a focal inflammatory process, hypertrophy (less likely), other. Adjacent peritonitis is present.
- The diffuse small intestinal wall changes are most consistent with inflammatory bowel disease with some potential for emerging lymphoma.
- The pancreatic changes are consistent with chronic active pancreatitis.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

Secondary Findings:

- Bilateral, age-related chronic renal changes.

IMAGING PERFORMED BY

Jessica Miller

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Companion AH
Parsippany

- If accessible, a fine needle aspirate of the gastric wall thickening is recommended. If the lesion is not accessible or if cytology results are inconclusive, endoscopic or surgical biopsies may be necessary to get a definitive diagnosis.
- Given the diffuse bowel wall and pancreatic changes, a malabsorption panel including serum cobalamin folate, TLI and PLI is also recommended.

REFERRING VET

Dr. Tsai

INVOICE

13921

DATE

9/6/22



PATIENT

Cindyloo Tsai

SPECIES

Feline

BREED

Persian

SEX

Female, spayed

AGE

13 Yrs.

WEIGHT

6 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Jessica Miller

HOSPITAL NAME

Companion AH
Parsippany

REFERRING VET

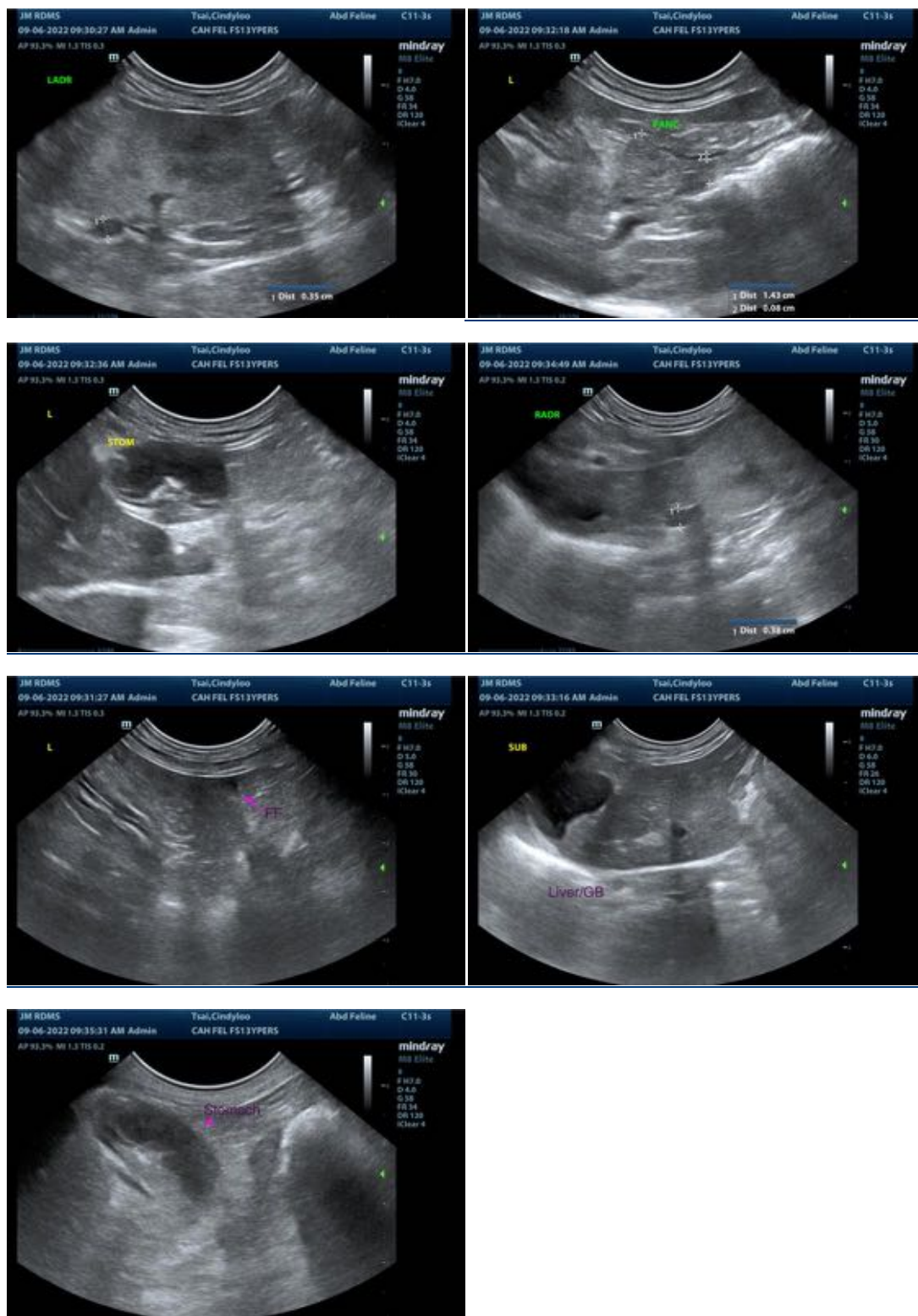
Dr. Tsai

INVOICE

13921

DATE

9/6/22



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

Cindyloo Tsai

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.

SPECIES

Feline

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com

BREED

Persian

SEX

Female, spayed

AGE

13 Yrs.

WEIGHT

6 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Jessica Miller

HOSPITAL NAME

Companion AH
Parsippany

REFERRING VET

Dr. Tsai

INVOICE

13921

DATE

9/6/22