



PATIENT PRESENTING CLINICAL SIGNS

Jerry Kim Mammary tumor discovered in March 2023. Has been aspirated and is an adenoma/adenocarcinoma, Concern about metastasis.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline

Urinary System

BREED

DLH

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Echogenic to particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

SEX

Spayed Female

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 3.7 cm. The right kidney measured 3.6 cm.

AGE

9

Adrenal Glands

WEIGHT

4.4 kg

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.33 cm. The right adrenal gland measured 0.34 cm.

INTERPRETED BY

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

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The spleen measured 0.57 cm in width at the level of the hilus. 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.

IMAGING PERFORMED BY

Dr. Belabn

Liver

The liver was subjectively normal in size, structure, and contour. 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.

HOSPITAL NAME

Beddington Trail AH

REFERRING VET

Dr. Sandu

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.

INVOICE

47005

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.

DATE

4/27/23

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

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.



PATIENT

Free Abdomen

Jerry Kim

No evidence of medial iliac or sublumbar lymphadenopathy. A visualized medial iliac lymph node was sonographically unremarkable, exhibiting isoechoic echogenicity compared to adjacent omentum with normal width to length ratio of <0.5, measuring 1.4 cm x 0.42 cm.

SPECIES

Feline

No omental masses, lymphadenopathy, or evidence of peritoneal effusion.

BREED

DLH

A subcutaneous mild non-homogeneous mass was noted in the ventral abdomen, consistent with previous diagnosis of mammary tumor.

SEX

Spayed Female

- Sonographically unremarkable abdomen
- Mild heterogeneous pancreas

AGE

9

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No sonographic evidence of intraabdominal visceral pathology, including no evidence of primary or metastatic neoplastic criteria.

WEIGHT

4.4 kg

The pancreas is non-specific and may indicate mild benign or age related remodeling. Potential for low-grade to chronic pancreatitis may be suspected if evidence of cranial abdominal or subxiphoid discomfort on palpation. Correlation with a spec fPL, if clinically indicated, may be considered.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belabn

HOSPITAL NAME

Beddington Trail AH

REFERRING VET

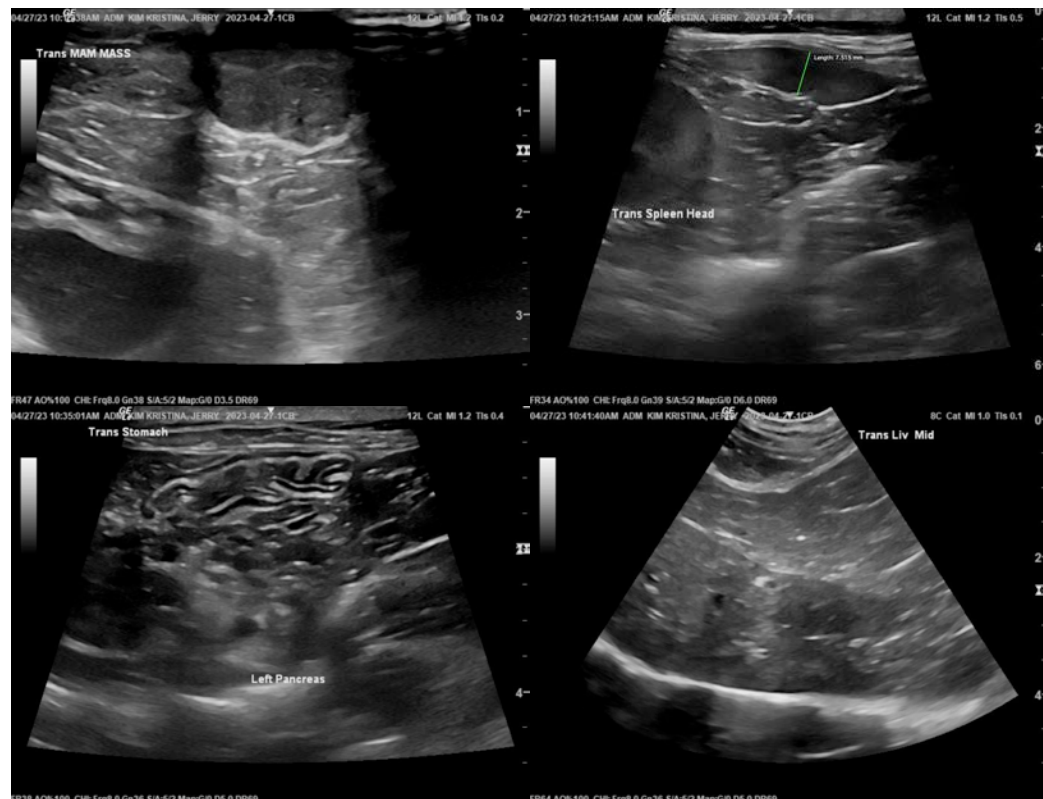
Dr. Sandu

INVOICE

47005

DATE

4/27/23





PATIENT

Jerry Kim

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

9

WEIGHT

4.4 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belabn

HOSPITAL NAME

Beddington Trail AH

REFERRING VET

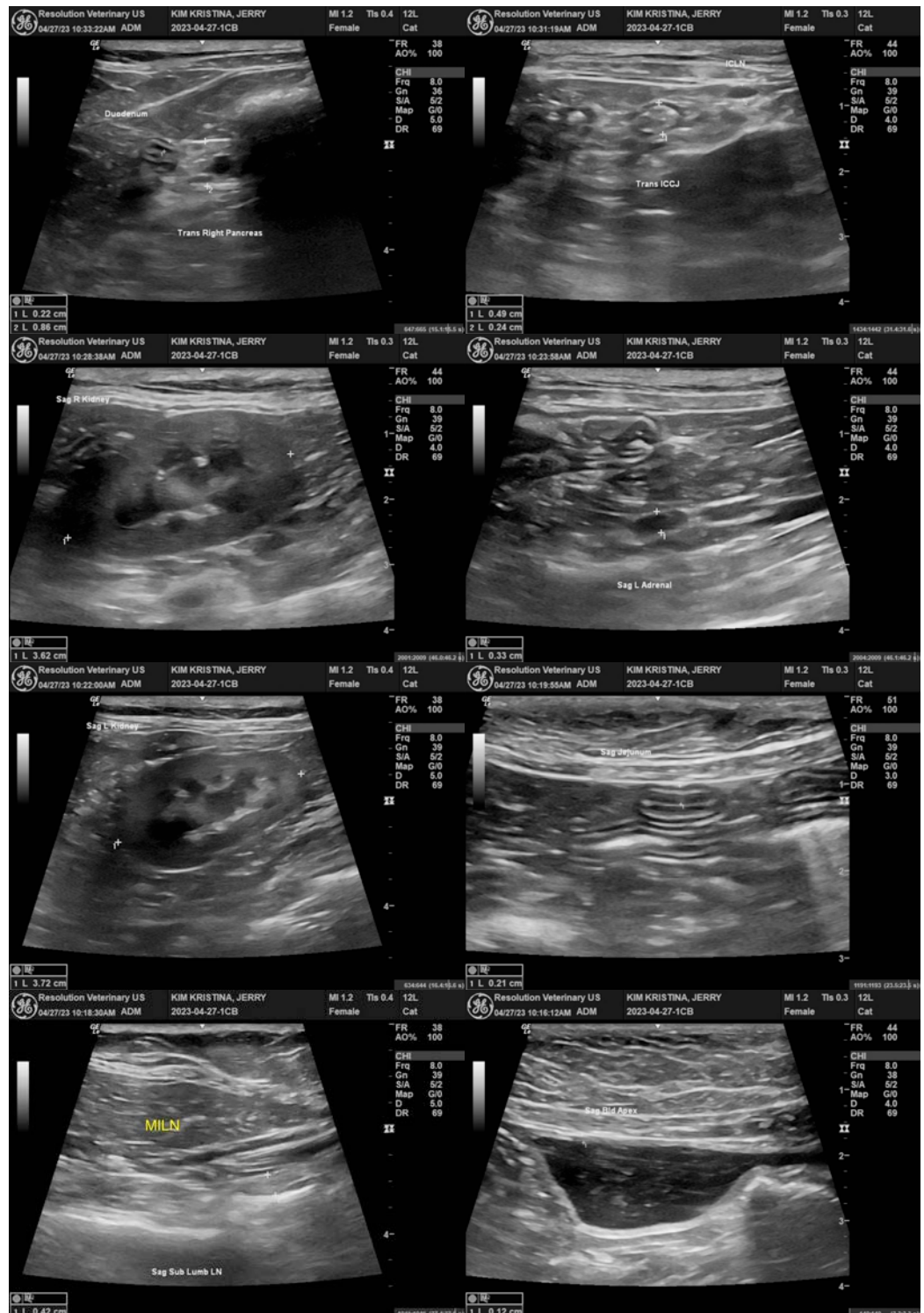
Dr. Sandu

INVOICE

47005

DATE

4/27/23





PATIENT

Jerry Kim

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

Feline

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

DLH

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

info@SonoPath.com

SEX

Spayed Female

AGE

9

WEIGHT

4.4 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Belabn

HOSPITAL NAME

Beddington Trail AH

REFERRING VET

Dr. Sandu

INVOICE

47005

DATE

4/27/23