



PATIENT

Piccolo Butt

PRESENTING CLINICAL SIGNS

Weight loss. Poor appetite. Elevated liver enzymes.

SPECIES

Feline

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 changes were noted.

BREED

DSH

The area of the aortic trifurcation was free of pathology.

SEX

Spayed Female

Normal size and margination were 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 minor loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.3 cm. The right kidney measured 4.4 cm.

AGE

12 Years

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.38 cm. The right adrenal gland measured 0.42 cm.

WEIGHT

4 kg

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.

INTERPRETED BY

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

Liver

IMAGING PERFORMED BY

Dave Stasiuk, RDMS,
RDCE

The liver was mildly enlarged. The parenchyma of the liver was subjectively increased in echogenicity compared to the spleen and renal cortices. The echotexture of the liver parenchyma was uniform with a mild coarse echotexture. The capsule of the liver was symmetrical in margination. Well demarcated, uniform, hyperechoic hepatic intraparenchymal nodules were present, example measured 0.45 cm in width. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

Gastrointestinal

REFERRING VET

Woodlands Vet
Hospital

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. Gastric body wall measured 0.25 cm.

INVOICE

37567

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. Duodenum wall measured 0.20 cm. Jejunum wall measured 0.25 cm. Ileocolic wall measured 0.30 cm.

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

DATE

5/9/22

Pancreas



PATIENT

Piccolo Butt

The pancreas was overall normal in size and contour. Subtle hypoechoic to non-homogeneous parenchyma noted compared to adjacent non-reactive omentum.

Free Abdomen

SPECIES

Feline

Focal, mildly prominent to enlarged colic node was present, measuring 0.40 cm in diameter. . The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).

BREED

DSH

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Mild age related kidneys
- Hepatopathy exhibiting mild uniform parenchyma hyperechogenicity and intermittent non-specific yet likely benign intraparenchymal nodules. The parenchymal nodules are suggestive of areas of nodular hyperplasia or lipogranulomas.
- Overtly normal gastrointestinal tract
- Subtle hypoechoic pancreas
- Focal, mildly prominent, subjectively benign/reactive colic lymph node

AGE

12 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The overall appearance of the liver was non-specific with multiple etiologies including vacuolar hepatopathy, cholangiohepatitis, emerging lipidosis, while round cell neoplasia, although considered less likely, cannot be excluded. Assuming normal clotting status, hepatic FNA using 25-gauge needle, given the patient's weight loss, is warranted for screening cytology, primarily to assess for evidence of inflammatory cells and neoplasia. Vitamin K administration is suggested prior to FNA if elected.

WEIGHT

4 kg

GI panel to include PLI, TLI, cobalamin and folate for further assessment of the pancreatic presentation, which may potentially indicate (although not definitively) low-grade to minor pancreatitis as well as to assess for occult to structurally insignificant gastrointestinal disease as contributing factors to the patient's poor appetite and weight loss. Likewise, 3-view chest radiographs are recommended.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dave Stasiuk, RDMS,
RDCS

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

REFERRING VET

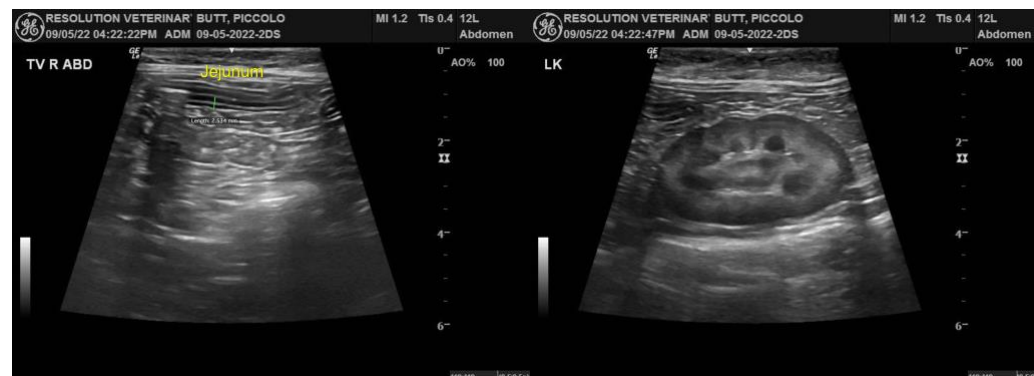
Woodlands Vet
Hospital

INVOICE

37567

DATE

5/9/22





PATIENT

Piccolo Butt

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12 Years

WEIGHT

4 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dave Stasiuk, RDMS,
RDCS

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

REFERRING VET

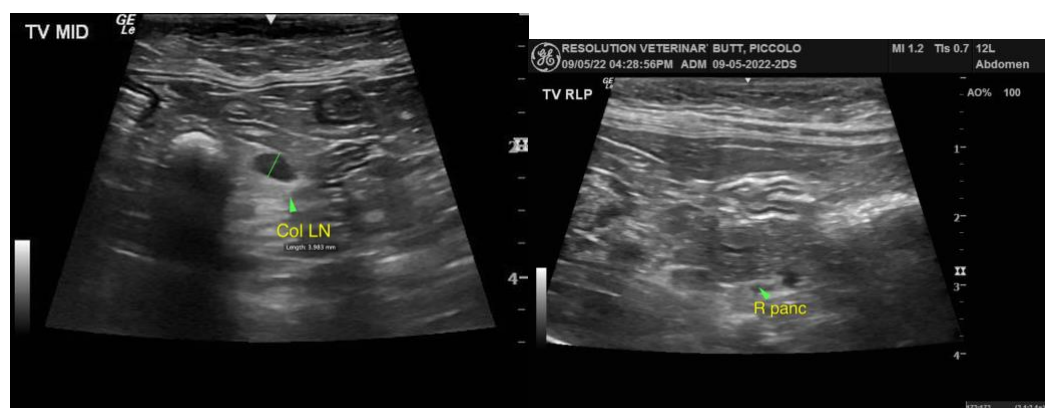
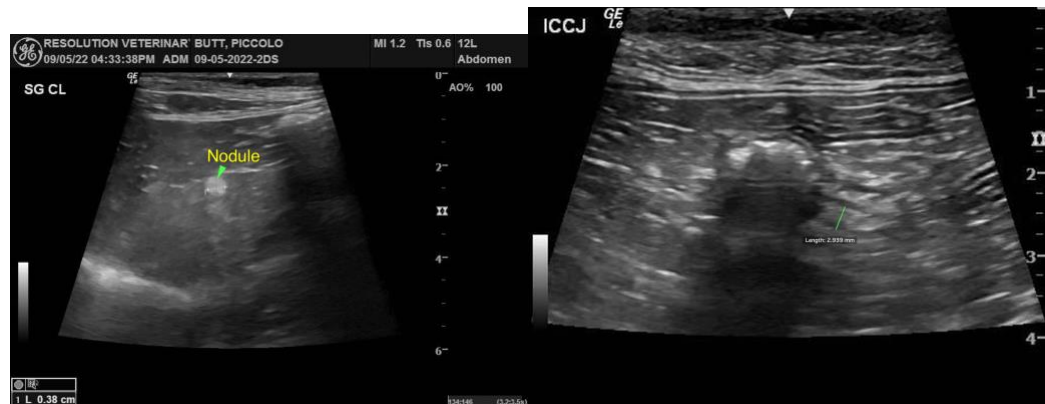
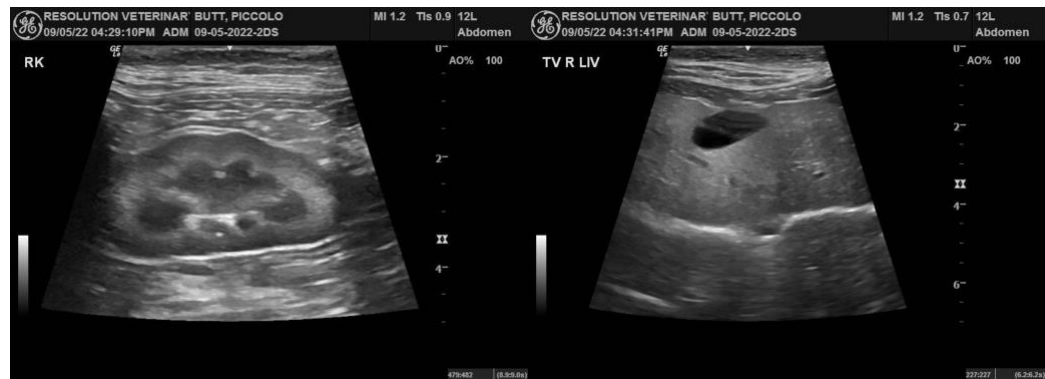
Woodlands Vet
Hospital

INVOICE

37567

DATE

5/9/22



The information and recommendations provided are based on the images presented by the referring



PATIENT

Piccolo Butt

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.

SPECIES

Feline

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

info@SonoPath.com

BREED

DSH

SEX

Spayed Female

AGE

12 Years

WEIGHT

4 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dave Stasiuk, RDMS,
RDMS

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

REFERRING VET

Woodlands Vet
Hospital

INVOICE

37567

DATE

5/9/22