

**PATIENT**

Banksy Caoile

**PRESENTING CLINICAL SIGNS**

History: Lethargy, not eating

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

**BREED**

Pomeranian Mix

The uterus was thickened with echogenic debris and echogenic tissue. Both uterine horns were thickened and dilated. This is consistent with chronic metritis. There is a strong potential for open pyometra.

**SEX**

Intact female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 4.01 cm. The left kidney revealed moderate hydronephrosis and was subnormal in size and measured 3.65 cm. The left ureter was dilated to 1.0 cm and revealed a tissue thickening at the termination of the left ureter prior to the urinary bladder. This is strongly consistent with ureteral tumor such as carcinoma. Tissue thickening measured 0.8 cm.

**AGE**

12 years

**WEIGHT**

6 ½ lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Adrenal Glands**

The left **adrenal gland** revealed nodular irregular changes at the caudal pole measuring up to 1.32 cm. The cranial pole was nodular and enlarged measuring 1.22 x 2.35 cm in length. The right adrenal gland was nodular and irregular with focal mineralization measuring 2.0 x 0.97 cm at the cranial pole and 0.45 cm at the caudal pole.

**IMAGING PERFORMED BY**

Denise Bruno, LVT,  
RDMS

**Spleen**

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

**HOSPITAL NAME**

Mobile Vet Unit

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

**REFERRING VET**

Dr. Nachamie

**INVOICE**

30824

**DATE**

5/31/22



## PATIENT

## Gastrointestinal

Banksy Caoile

The **stomach** was over distended with fluid and chyme. The **pylorus** was thickened with echogenic mucosal remodeling. The muscularis was mildly hypertrophied, yet uniform.

## SPECIES

Canine

## Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

## BREED

Pomeranian Mix

## SEX

Intact female

Chronic metritis/pyometra.

## AGE

12 years

Left renal hydronephrosis with calculi and dilated ureter with terminal ureteral mass presentation. Potential for clot, yet less likely.

Age related renal changes with mineralization.

Nodular adrenal glands.

## WEIGHT

6 ½ lbs

Age related hepatic changes.

## ULTRASONOGRAPHIC FINDINGS

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend surgical intervention in this patient with expectations towards ovariohysterectomy and likely left nephrectomy and ureterectomy based on surgical inspection. Eventual work-up for Cushing's is recommended. If the patient appears Cushingoid given the nodular adrenal glands then a discussion to remove the left adrenal even though both adrenal glands are nodular and irregular, yet I am most concerned about the left adrenal gland.

Blood pressure measurements are warranted and IV fluid support is indicated. The prognosis is guarded.

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Denise Bruno, LVT,  
RDMS

## HOSPITAL NAME

Mobile Vet Unit

## REFERRING VET

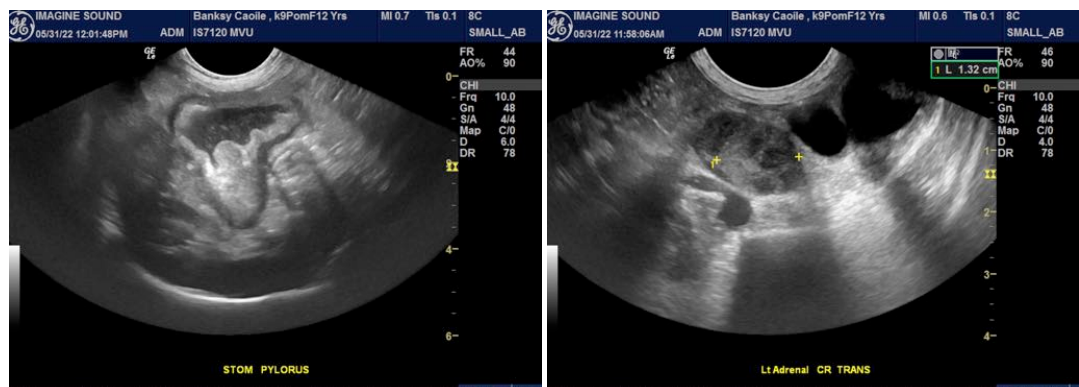
Dr. Nachamie

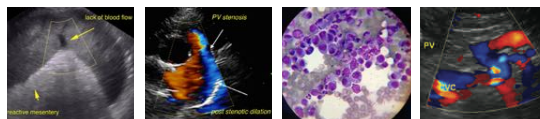
## INVOICE

30824

## DATE

5/31/22

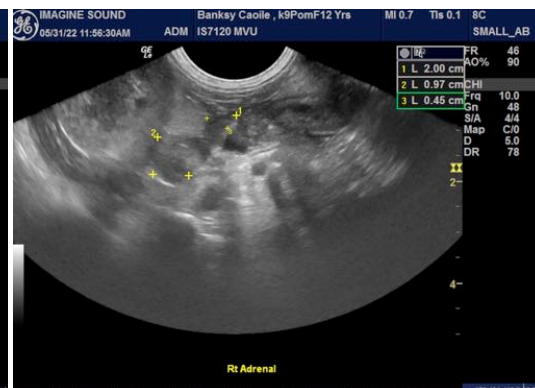
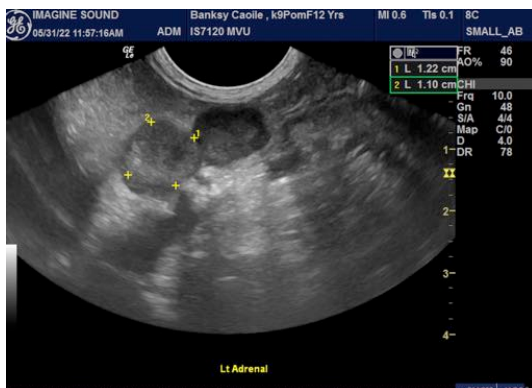




**PATIENT**  
 Banksy Caoile

**SPECIES**  
 Canine

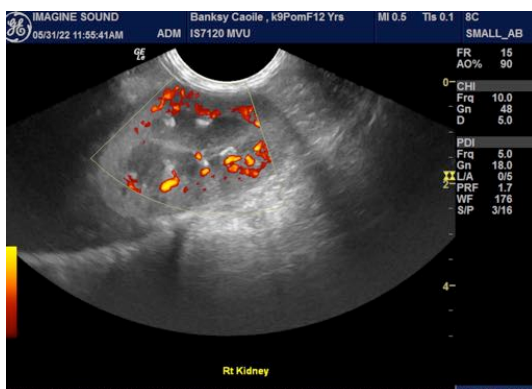
**BREED**  
 Pomeranian Mix



**SEX**  
 Intact female

**AGE**  
 12 years

**WEIGHT**  
 6 ½ lbs



**INTERPRETED BY**  
 Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**  
 Denise Bruno, LVT,  
 RDMS

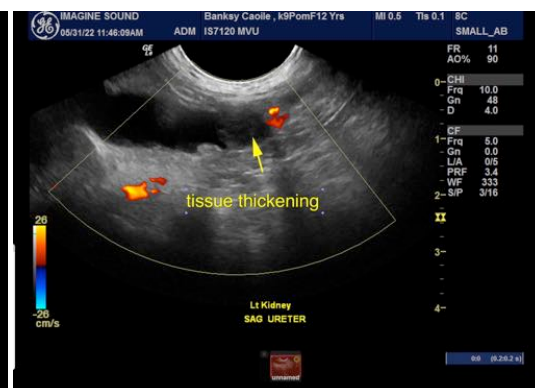
**HOSPITAL NAME**  
 Mobile Vet Unit

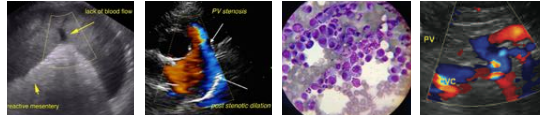


**REFERRING VET**  
 Dr. Nachamie

**INVOICE**  
 30824

**DATE**  
 5/31/22





**PATIENT**

Banksy Caoile

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**

Canine

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**

Pomeranian Mix

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
Eric.Lindquist@SonoPath.com

**SEX**

Intact female

**AGE**

12 years

**WEIGHT**

6 ½ lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Denise Bruno, LVT,  
RDMS

**HOSPITAL NAME**

Mobile Vet Unit

**REFERRING VET**

Dr. Nachamie

**INVOICE**

30824

**DATE**

5/31/22