


**PATIENT PRESENTING CLINICAL SIGNS**

Cachet Akitt History: tender on palpation of abd, cried out. very painful, enlarged heart on rads currently on codeine  
 Abnormal PE/Chem/CBC/UA Results: SDMA elevated at 17, BUN mildly elevated, normal creatinine.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**Urinary System**
**BREED**

Papillon

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

**SEX**

Female, spayed

The left kidney is normal size (3.37 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. Mild pyelectasia is present (0.25 cm in the longitudinal plane). There is no evidence of nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**AGE**

16 Yrs.

The right kidney is normal size (3.47 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. Mild pyelectasia is present (0.29 cm in the longitudinal plane). A small cortical cyst is observed at the caudal aspect. There is no evidence of nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**WEIGHT**

5 kg.

**Adrenal Glands**
**INTERPRETED BY**

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

The left adrenal gland is normal size (0.40 cm at cranial pole) (0.45 cm at caudal pole) (1.57 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**IMAGING PERFORMED BY**

Kelly Reshny, RVT

The right adrenal gland is normal size (1.32 cm at cranial pole) (0.51 cm at caudal pole) (1.88 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**HOSPITAL NAME**

Grand River VH

**Spleen**

The spleen is normal in size (0.99 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.

**REFERRING VET**

Dr. Day

**Liver**

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen with minor changes consistent with age-related remodeling. No focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A moderate amount of aggregated echogenic mostly gravity-dependent sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

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**DATE**

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**PATIENT**
***Gastrointestinal***

Cachet Akitt

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

**SPECIES**

Canine

***Pancreas***
**BREED**

Papillon

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

**SEX**

Female, spayed

***Free Abdomen***

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

**AGE**

16 Yrs.

**ULTRASONOGRAPHIC FINDINGS**
**WEIGHT**

5 kg.

- Minor age-related hepatic and renal pathology.
- The bilateral pyelectasia may be secondary to pyelonephritis, age-related remodeling and/or PU/PD, if applicable.

**INTERPRETED BY**

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 Medicine)

\*An obvious cause for the patient's pain is not identified in this study. However, pyelonephritis is one metabolic consideration. Referred neck/back pain is also a possibility.

**IMAGING PERFORMED BY**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**
**HOSPITAL NAME**

Grand River VH

**REFERRING VET**

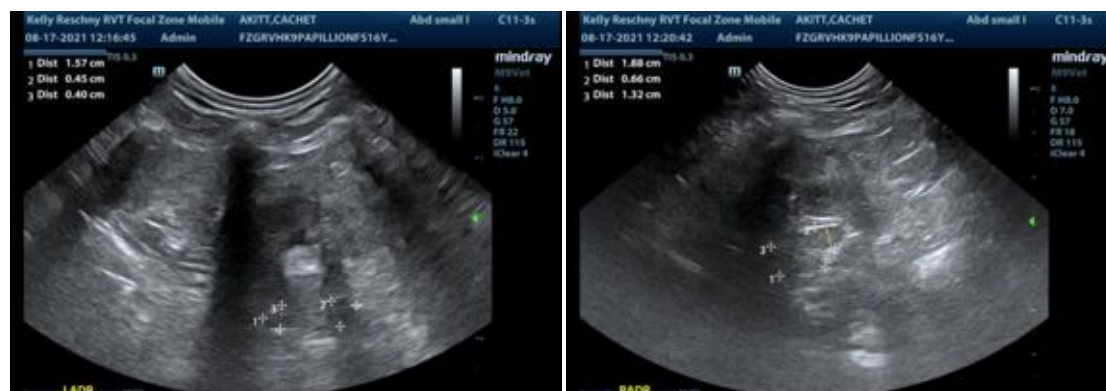
Dr. Day

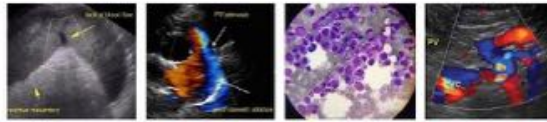
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**PATIENT**

Cachet Akitt

**SPECIES**

Canine

**BREED**

Papillon

**SEX**

Female, spayed

**AGE**

16 Yrs.

**WEIGHT**

5 kg.

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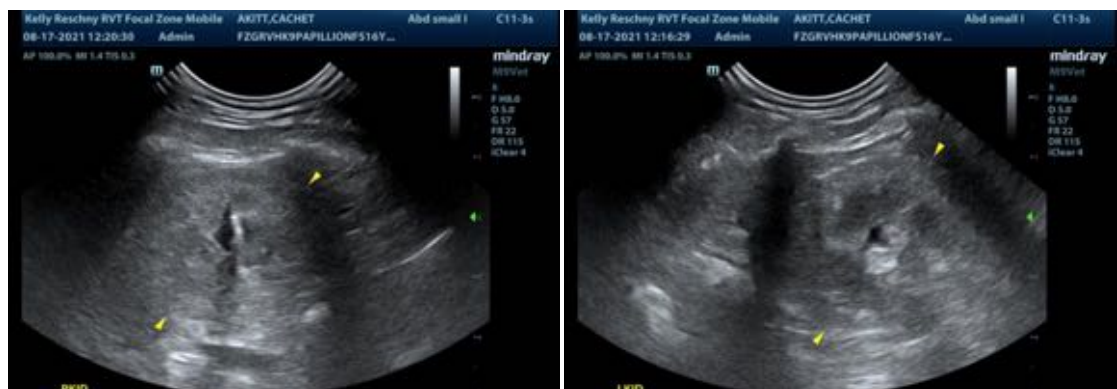
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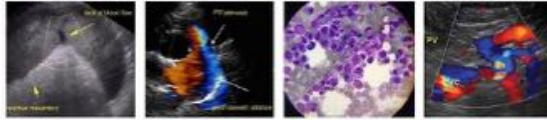
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## PATIENT

Cachet Akitt

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

Papillon

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

Andrea.nicastro@sonopath.com

## SEX

Female, spayed

## AGE

16 Yrs.

## WEIGHT

5 kg.

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