

**DATE**

5/23/22

PRESENTING CLINICAL SIGNS

Recurrent pollakiuria, inappropriate urination in home. No bacteria on most recent UA.

Current Medications: Apoquel 16mg SID.

Lab Results: Hamturia on UA.

PATIENT

Atka Summers

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Dexdomitor/Torbugesic IV.

Stat Report: Not requested.

Imaging Performed By: Stephanie Pearce RDCS, RVT.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**BREED**

Samoyed

Urinary System

The urinary bladder is well distended with anechoic contents. The wall is smooth and regular. No abnormalities are noted with the trigone or the proximal urethra (at least the proximal 3-4 cm), and there is no evidence of sediment, cystoliths, polyps or a mass. Ureteral papillae are visualized and unremarkable.

The uterine stump does not show any abnormalities.

SEX

Spayed Female

Kidneys**AGE**

6/2/15

The **left** kidney measures 6.27 cm. The capsule is smooth and its overall architecture, including the definition of the cortico-medullary junction, is preserved. Mineralizations of the diverticulae and pelvis are present, without evidence of nephroliths or pyelectasia. There are no signs of nephroliths or pyelectasia. Blood flow is adequate. The surrounding mesentery is not hyperechoic.

WEIGHT

75 lbs

The **right** kidney measures 6.36 cm. The capsule is smooth and its overall architecture, including the definition of the cortico-medullary junction, is preserved. Mineralizations of the diverticulae and pelvis are present, without evidence of nephroliths or pyelectasia. There are no signs of nephroliths or pyelectasia. Blood flow is adequate. The surrounding mesentery is not hyperechoic.

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

Aortic bifurcation/trifurcation

No abnormalities observed.

HOSPITAL NAME

Bay Country VH

Adrenal Glands

The **left** adrenal gland measures 0.51 cm at the cranial pole, 0.43 cm at the caudal pole and 2.83 cm in length. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

REFERRING VET

Dr. Bauer

The **right** adrenal gland measures 0.56 cm at the cranial pole, 0.53 cm at the caudal pole and 3.15 cm in length. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

INVOICE

30663

Spleen

The spleen is within normal limits in size, architecture, echotexture, and echogenicity. The capsule is smooth. No abnormalities are observed with its vasculature, i.e. congestion and thrombi are not identified.

Liver

There are no obvious signs of hepatomegaly and its borders are smooth and sharp. The liver's echotexture is homogeneous and it is within normal limits in echogenicity. Focal lesions are not observed. No abnormalities are observed with the hepatic vessels visualized.

The gallbladder wall is within normal limits in thickness and echogenicity. A small amount of free floating and inspissated echogenic material (sludge) is present within the GB. The portions of the cystic and/or common bile ducts observed are not dilated or tortuous, i.e. there are no signs of an obstruction.

Gastrointestinal

The gastric wall is within normal limits in thickness and the wall layers are well defined. No obvious abnormalities are observed with its peristalsis.

The small intestinal wall thickness, including the duodenum, is within normal limits and the definition of the wall layers is preserved. Abnormally dilated loops of bowel are not observed.

Gas is present within the transverse colon.

The colonic wall is not thickened and mural detail is considered normal. Formed stools are present within the colon.

There are no obvious signs of a mass, foreign body, infiltrative disease or an obstruction in the gastrointestinal tract.

Pancreas

No overt abnormalities are observed with the echogenicity or echotexture of the either limb. There is no evidence of hyperechogenicity of the surrounding mesentery, i.e., signs of active pancreatitis are not present.

Other

Lymph nodes

No abnormalities are observed

Abdominal effusion is not visualized.

ULTRASONOGRAPHIC FINDINGS

- No abnormalities are observed on today's abdominal ultrasound.
- Anatomical anomalies with the urinary bladder, trigone, proximal urethra or uterine stump are not visualized.
- Very mild mineralizations of the diverticulae and pelvis are present in both kidneys. There are no signs of nephrolithiasis, and the architecture of the kidneys is well preserved.

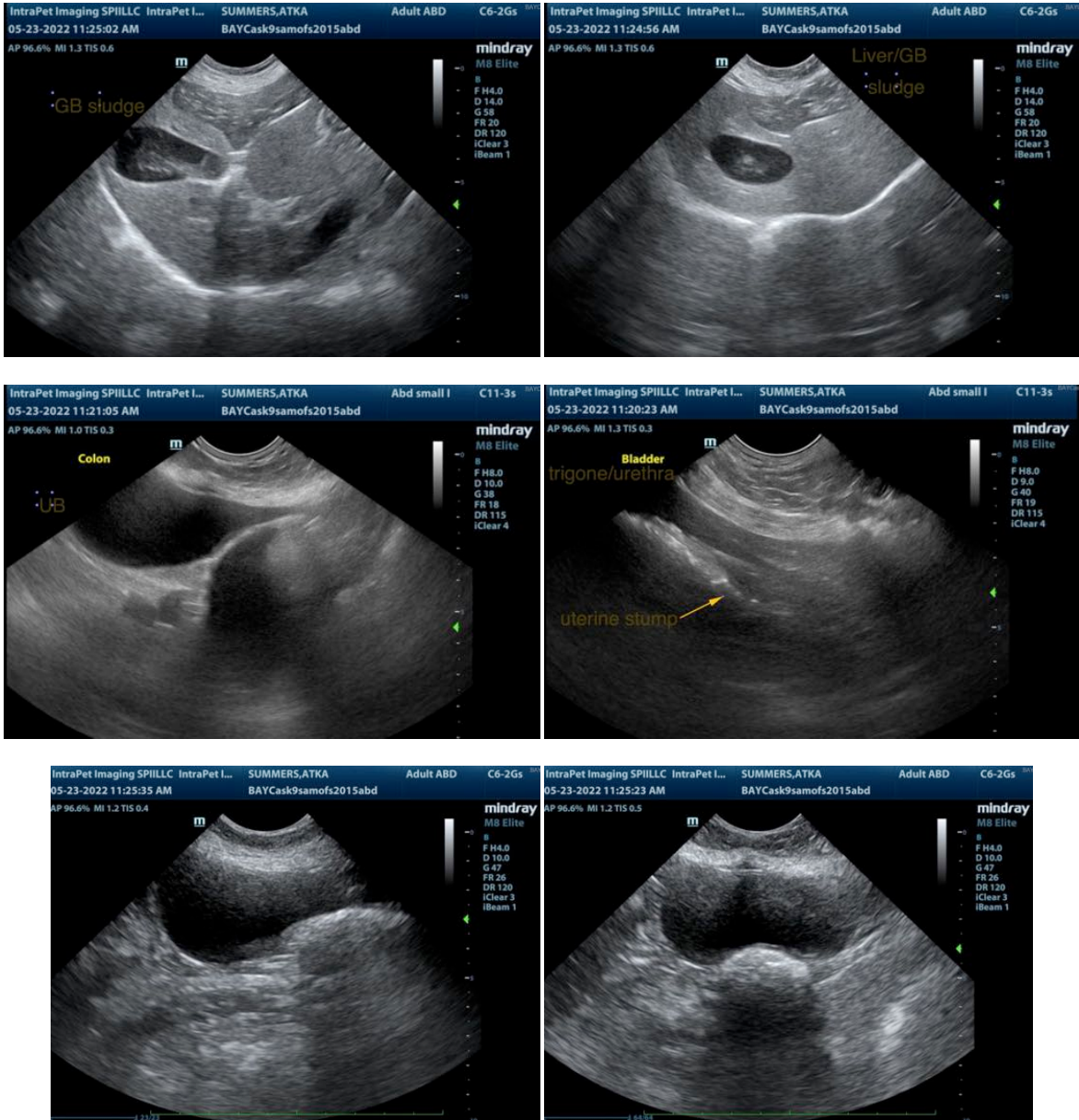
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

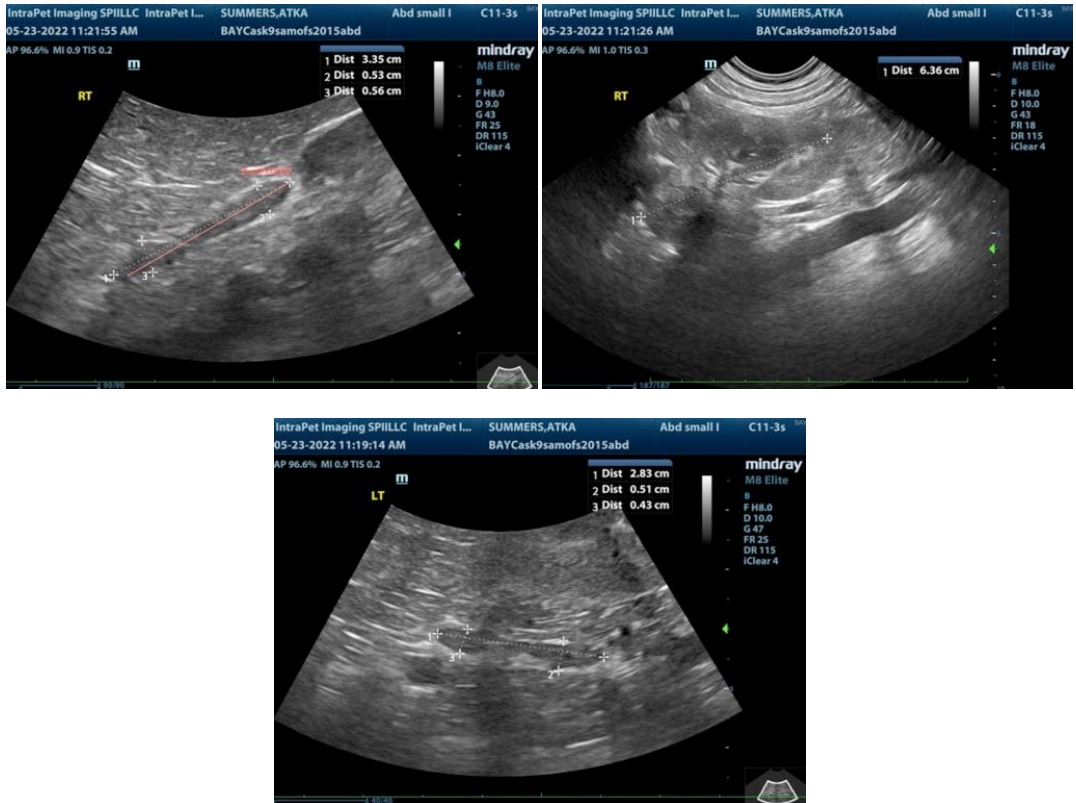
The urinalysis shows an alkaline pH, red blood cells and leukocytes, which are suggestive of a urinary tract infection. The ultrasound results are not supportive of UTI or cystitis of any form. However, **vaginitis** cannot be excluded. The increased pH may be due to alkaline tide if the sample was collected post prandially.

The following are suggested

- Evaluation of Atka's conformation - vulva and perivulvar region.
- Vaginal exam
- Vaginal cytology

- Basic hygiene on a daily basis with chlorhexidine 0.025-0.05%, rinse with luke warm water, and ensure the area is kept dry to decrease risk of infection. Any fur in the surrounding area should also be trimmed to decrease risk of bacterial wicking.





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.

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.

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