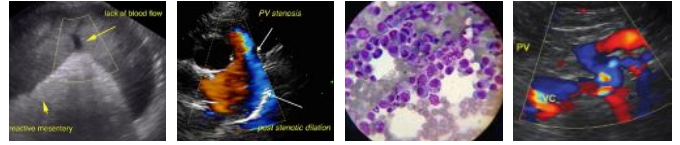




PATIENT	PRESENTING CLINICAL SIGNS
Keita Macula	History: Reason for U/S: recurrent UTI Current Meds: none
SPECIES	Abnormal PE/Chem/CBC/UA Results: Urinalysis Findings: Blood 3+; Rest WNL; Cysto culture pending; Protein 3+ Urine Specific Gravity: 1.025
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
German Shepherd	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone, mildly prominent yet uniform bladder walls were observed measuring 0.36 cm in width. Anechoic urine was present in the lumen with mild to moderate nondependent particulate sediment which may indicate cellular debris/protein, crystalline debris or mucus. No calculi was observed. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
SEX	Both kidneys exhibited subtle asymmetrical renal margination and the right kidney was subnormal in size compared to the left kidney. Mild irregular cortical hypertrophy and mild loss of corticomedullary border demarcation with subjective indistinct medullary architecture were noted. The left kidney measured 7.5 cm in length. The right kidney measured 5.9 cm in length.
Female	The area of the aortic trifurcation was free of pathology.
AGE	Adrenal Glands
50months	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.70 cm width at the caudal pole and 2.9 cm. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.45 cm width at the caudal pole and 3.1 cm.
WEIGHT	Spleen
57	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	Liver
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	Gastrointestinal
Dr. Abdul Chani	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.
HOSPITAL NAME	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.
Byram Animal Hospital	Normal visible colon wall layers were present with apparent formed feces in lumen.
REFERRING VET	
Dr Abdul-Chani	
INVOICE	
10915ag	
DATE	
06/23/2022	



PATIENT

Pancreas

Keita Macula

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SPECIES

Canine

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED

German Shepherd

ULTRASONOGRAPHIC FINDINGS

SEX

Female

- Suspect mild cystitis with mild particulate urinary bladder sediment-no overt evidence of congenital abnormality i.e. urachal remnant or ectopic ureter
- Variably echogenic to irregular bilateral kidneys

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

50months

Although the appearance of the bilateral kidneys is somewhat concerning for underlying nonspecific disease which may include congenital renal dysplasia given the young age of the patient with potential for nonspecific nephritis i.e. glomerulonephritis or pyelonephritis. This is a nonspecific finding given the lack of reported azotemia. The proteinuria may be secondary to 3+ blood however further staging if clinically indicated may include a baseline UPC. Serial sonographic monitoring of the renal parameters is likely indicated. If clinical signs such as consistent incontinence the possibility of a small ectopic ureter which may be difficult to visualize with ultrasound may be considered. Contrast urography may be indicated for further assessment. Assessment of the vulva and vaginal vault for evidence of pathology which may predispose to ascending infection may be indicated.

WEIGHT

57

INTERPRETED BY

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

A chronic UTI protocol based on the urine C/S results is indicated. Potentially this may include a higher dose shorter frequency antibiotic regimen i.e. Clavamox 20 mg/kg PO SID for 3-5 days if tolerate may prove more effective at eliminating recurrent infection. Recheck urine C/S suggested 7 days post antibiotic therapy/UTI signs.

IMAGING PERFORMED BY

Dr. Abdul Chani

HOSPITAL NAME

Byram Animal
Hospital

REFERRING VET

Dr Abdul-Chani

INVOICE

10915ag

DATE

06/23/2022



PATIENT

Keita Macula

SPECIES

Canine

BREED

German Shepherd

SEX

Female

AGE

50months

WEIGHT

57

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Abdul Chani

HOSPITAL NAME

Byram Animal Hospital

REFERRING VET

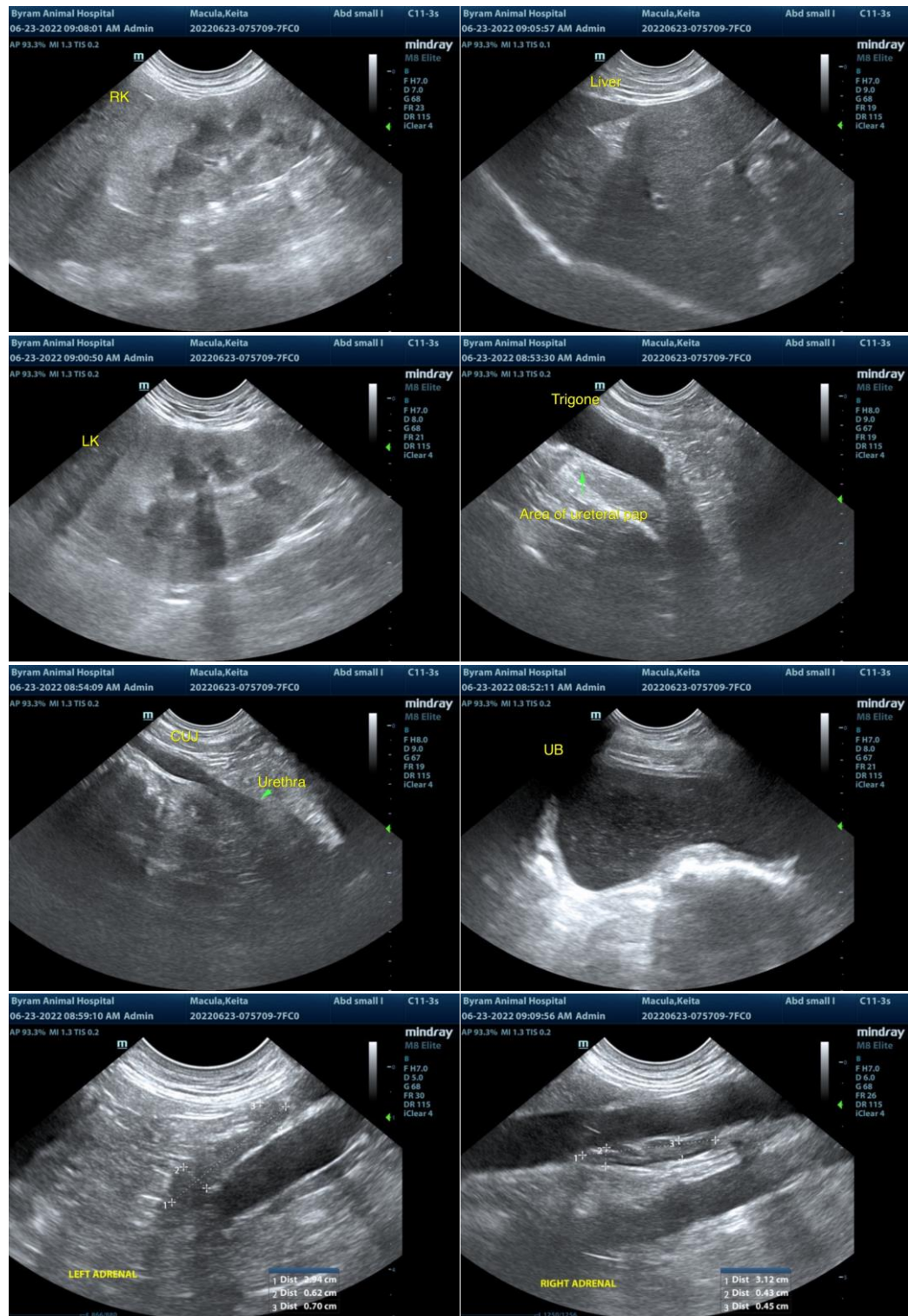
Dr Abdul-Chani

INVOICE

10915ag

DATE

06/23/2022



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.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT

can be of any further assistance please contact me.

Keita Macula

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

info@SonoPath.com

SPECIES

Canine

BREED

German Shepherd

SEX

Female

AGE

50months

WEIGHT

57

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Abdul Chani

HOSPITAL NAME

Byram Animal
Hospital

REFERRING VET

Dr Abdul-Chani

INVOICE

10915ag

DATE

06/23/2022