



**PATIENT**

Kahn Muna

**PRESENTING CLINICAL SIGNS**

Mass on anus, blood in urine - mass biopsied today 11/29/22

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Chests films appeared clear of mets Labwork pending

**ULTRASONOGRAPHIC LIMITED EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Tibetan Mastiff

The urinary bladder was normal in size and tone with mild generalized wall thickening exhibiting potential for minor luminal polyploid component. The ventral urinary bladder wall measured 0.60 cm in width. Homogeneous mural echogenicity without evidence of mineralization was noted. Anechoic urine was present in the lumen with moderate non-dependent particulate to congealed sediment along with mild irregular non-homogeneous soft tissue echo present within the dependent lumen adjacent to the inner dorsal bladder wall. The soft tissue echo measured ~ 2.0 cm in diameter. Color Doppler assessment of the soft tissue echo revealed suspected splash without evidence of definitive blood flow. Potential adherence of the soft tissue echo to the dorsal bladder luminal wall is possible although not definitive. The soft tissue echo appeared to be mildly mobile on agitation. The ureteral papillae were normal. Mildly prominent to thickened visible proximal urethral measuring 0.94 cm in width was present.

**SEX**

MI

**AGE**

9yr

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

**WEIGHT**

125lb

The prostate was enlarged in size with intact, primarily symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was heterogeneous with a mixed pattern of varying echogenicity without evidence of parenchymal mineralization. The prostate measured 6.0 cm x 6.0 cm.

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC FINDINGS**

- Mild to moderate cystitis pattern with moderate luminal sediment and dependent soft tissue echo-soft tissue echo suspected to be blood clot given history of hematuria, potential for polyploid mass/lesion considered less likely yet cannot be definitively excluded
- Prostatomegaly exhibiting non-homogeneous non-mineralized parenchyma-benign prostatic hyperplasia or prostatitis possible, prostatic neoplastic criteria considered unlikely
- Suspect mild proximal urethritis

**IMAGING PERFORMED BY**

Amanda Crook

**HOSPITAL NAME**

Rivers Edge Pet  
Medical Center

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A urine C/S as well as prostatic sampling via ultrasound guided FNA or prostatic wash for assessment of underlying UTI or prostatitis is recommended. A screening BRAF assay is warranted. Pending additional diagnostics, sonographic monitoring of the urinary bladder for resolution or persistence/progression of the soft tissue echo would be ideal.

**REFERRING VET**

Dr. Gray

**INVOICE**

12317ag

**DATE**

11/29/2022



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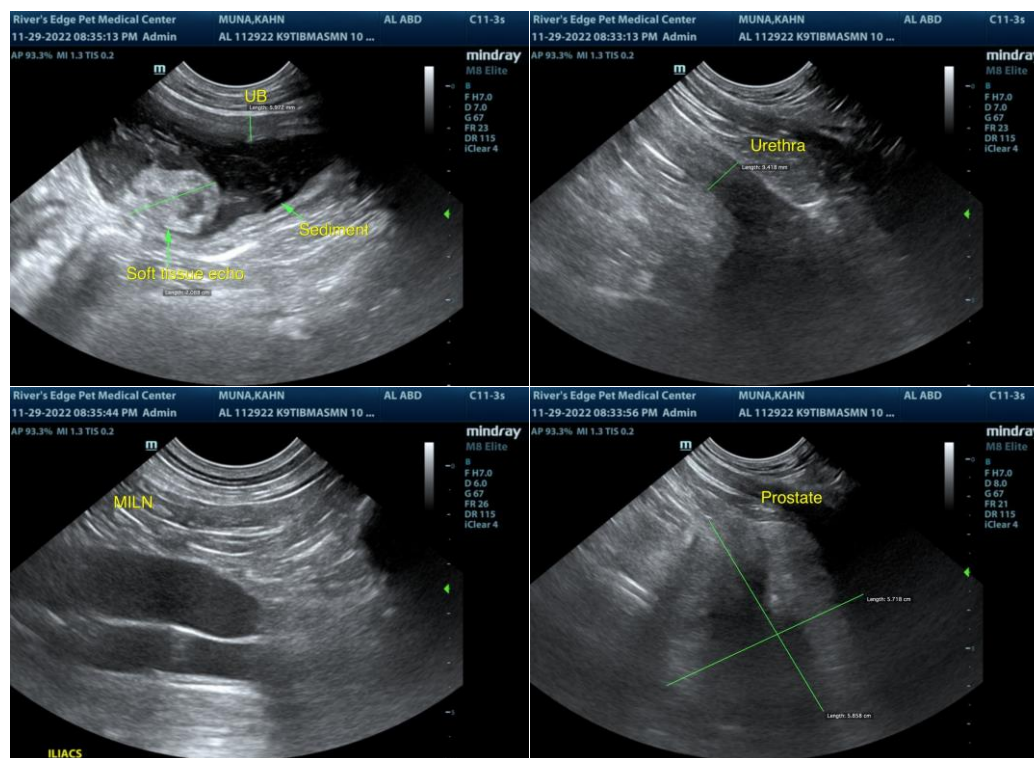
Dr. Gray

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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 can be of any further assistance, please contact me.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)  
[mac.daniel@sonopath.com](mailto:mac.daniel@sonopath.com)