



PATIENT PRESENTING CLINICAL SIGNS

Ginger Duffy
SPECIES Feline
BREED Maine Coon Cat
SEX Spayed Female
AGE 16 Years
WEIGHT 5.63 Pounds

History: Significant decline and weight loss recently. Presented in fall of 2021 for leaking urine and polydipsia. BW - elevated kidney values - treated with oral antibiotics. Presents currently for continued urine leaking and PD. On palpation, a mass is felt in the urinary bladder. Radiographs show an enlarged bladder - no stones. Capture of some leaked urine showed probable transitional epi cells. Given a convenia injection and placed on piroxicam. ** Study limited to urinary system.

LIMITED ULTRASONOGRAPHIC EXAMINATION

Both kidneys were normal in size with asymmetrical capsule contour. Both kidneys exhibited moderate to severe hydronephrosis exhibited by replacement of discernable medullary parenchyma with primarily anechoic fluid. The remaining cortex and interdiverticular septa were present. The fluid was primarily anechoic with potential for mild cellular component. Left and right dilated ureters exiting their respective kidneys extending caudally were noted and approximated the level of the urinary bladder with at least one ureter noted extending to the level of the ureteral papilla. The ureters contained primarily anechoic fluid with potential for mild cellular component. Overt evidence of calculi was not noted.

The bladder exhibited marked distention containing primarily anechoic urine. Mild nondependent particulate sediment was present which may indicate mild cellular or possible crystalline debris. Nonhomogeneous mass was present in the area of the caudal trigone, cystourethral junction and proximal urethra, measuring 3.4 cm x 2.5 cm. Concurrent areas of additional polypoid-like mural hypertrophy suspected, specifically in the area of the apical urinary bladder wall. Potential for subtle free fluid noted around the urinary bladder.

ULTRASONOGRAPHIC FINDINGS

- Nonhomogeneous mass at the level of the caudal trigone, cystourethral junction and proximal urethra- consistent with neoplastic criteria
- Markedly distended urinary bladder
- Bilateral hydronephrosis with concurrent bilateral hydroureter

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The urinary bladder mass is suggestive of transitional cell carcinoma. This mass appears to be obstructive both to urinary outflow as well as ureteral flow with likely ureteral papilla obstruction, resulting in bilateral hydronephrosis and hydroureter. Unfortunately, the mass is not amendable to surgical resection. No overt evidence of regional metastasis. Unfortunately, an unfavorable prognosis is indicated.

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Deer Run VS

REFERRING VET

Foster Palmer, DVM

INVOICE

13621

DATE

1/24/22





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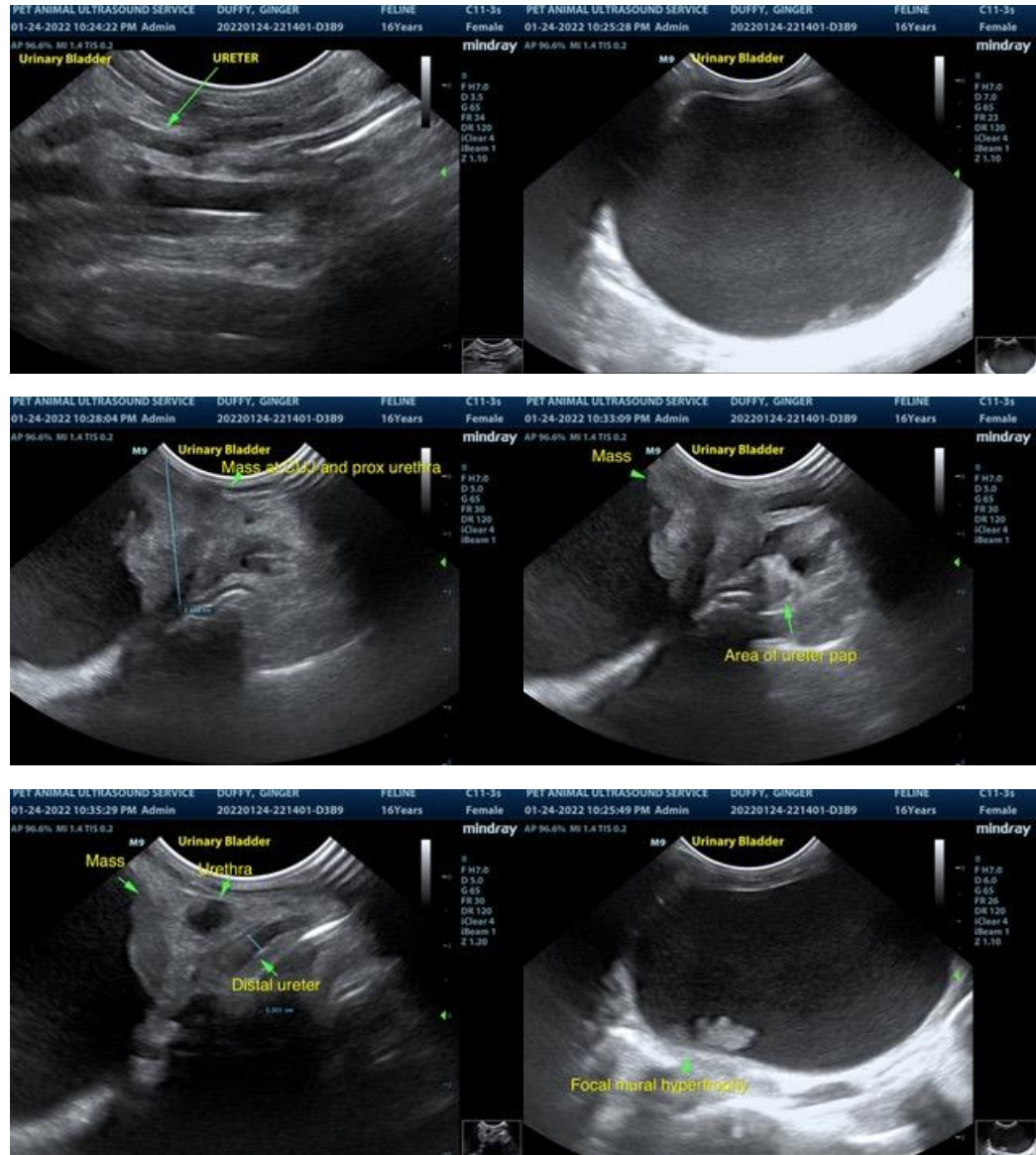
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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