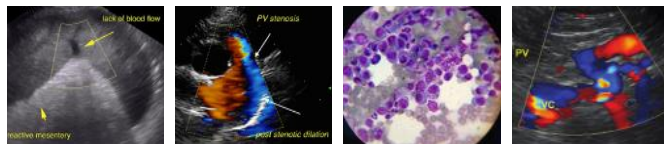


PATIENT	PRESENTING CLINICAL SIGNS
Arabella Ruark	Hematuria and pollakiuria x 2 weeks, did not respond to convenia. Had Convenia injection 2 weeks ago. Abnormal PE/Chem/CBC/UA Results: Urinalysis (see attached results): Dilute urine, hematuria, mild glucosuria. No rods seen today. Urine Sediment: Possible clumps of irregular transitional cells. See attached Bloodwork results: Elevated glucose (160mg/dL), BUN (41mg/dL)
SPECIES	
Feline	ULTRASONOGRAPHIC EXAMINATION OF THE URINARY SYSTEM
BREED	<i>Urinary Bladder</i>
Siamese	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Nonhomogeneous mass associated with the ventral urinary bladder wall measuring approximately 2.7 x 1.5 cm was present. The mass exhibited mild nonhomogeneous echogenicity with discrete to indistinct hypoechoic mural foci which although not definitive may suggest pinpoint areas of emerging mural mineralization. Concurrent area of mural hypertrophy noted cranial to the main body of the mass measuring approximately 0.6 cm in diameter. The majority of the apical as well as the dorsal urinary bladder wall were sonographically unremarkable. The ventral mass appeared to extend mildly into the urinary bladder lumen. Color Doppler assessment of the mass confirmed subjective mild vascularity. Minor particulate sediment noted with primarily anechoic urine. No calculi noted.
SEX	
SF	No overt medial iliac or sublumbar lymphadenopathy in the area of the iliac trifurcation.
AGE	
18 Years	<i>Kidneys</i>
WEIGHT	
11.02 lbs	Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomodullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.5 cm in length. The right kidney measured 3.6 cm in length.
INTERPRETED BY	ULTRASONOGRAPHIC FINDINGS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Primary
IMAGING PERFORMED BY	<ul style="list-style-type: none"> • Ventral urinary bladder mural mass. • Bilateral mild chronic renal changes - no evidence of pyelectasia.
Jasmine Palacios	
HOSPITAL NAME	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Rivers Edge Pet Medical Center	The study confirms the presence of a ventral urinary bladder mural mass consistent with neoplastic criteria. Transitional cell carcinoma may be considered a primary differential diagnosis although given the presentation of the mass primarily within the urinary bladder wall, other neoplastic etiologies such as smooth muscle tumor, undifferentiated carcinoma, lymphoma, or other could be possible. Potential for regional significant cystitis possible yet thought less likely.
REFERRING VET	
Dr. Bridget Hayes	Cytospin cytology of a free catch urine sample for further assessment of transitional cells could be considered.
INVOICE	
50733	NSAID trial with close monitoring of renal parameters and assessment of urinalysis could be considered empirically.
DATE	
3-4-22	No overt evidence of regional metastasis.



PATIENT

Arabella Ruark

SPECIES

Feline

BREED

Siamese

SEX

SF

AGE

18 Years

WEIGHT

11.02 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

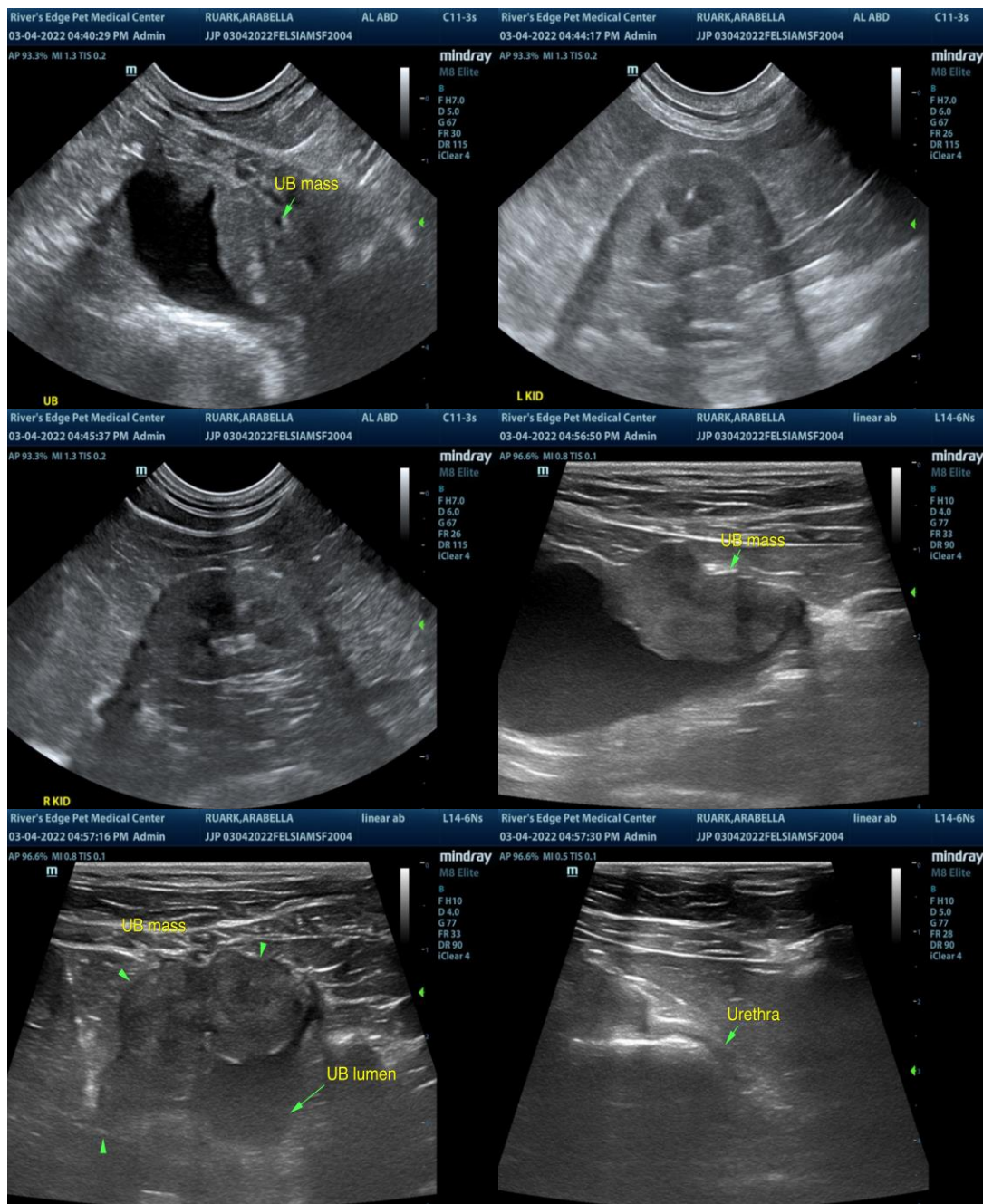
Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Bridget Hayes

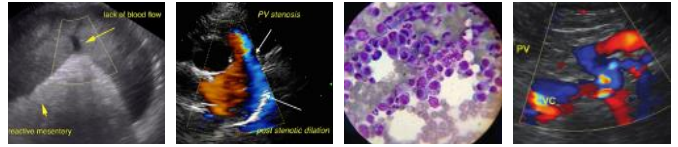


INVOICE

50733

DATE

3-4-22



PATIENT

Arabella Ruark

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.

SPECIES

Feline

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

Siamese

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

SEX

SF

AGE

18 Years

WEIGHT

11.02 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Bridget Hayes

INVOICE

50733

DATE

3-4-22