



PATIENT	PRESENTING CLINICAL SIGNS
Stella Plavsic	Carried into clinic for ultrasound. History of hind quarter weakness and uncontrolled urinary and stool leakage. Concerns for bladder tumor as when catheterized, obtained blood even though urine was clear. Has been on Steroids and Gabapentin. Suffers from moderate disc disease.
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: Bloodwork indicated moderate elevation of ALP and Glucose.
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Doberman	<i>Urinary System</i> The urinary bladder was markedly distended in size with subjective decreased urinary bladder tone. Overtly normal urinary bladder wall was noted without evidence of inflammatory mural criteria. No visualized urinary bladder masses were present with sonographically unremarkable trigone and cystourethral junction noted. The visualized proximal urethra to a depth of 5.0 cm exhibited subjective potential for decreased tone and mild to moderate urethral dilation with urine. The proximal urethral diameter measured 1.0 cm in diameter. The area of the aortic trifurcation was free of pathology.
SEX	
FS	
AGE	
11 years	
WEIGHT	
89 lbs.	Normal size and mild asymmetrical margination were present in the kidneys. Mild loss of corticomedullary border demarcation was present. Both kidneys exhibited moderate hydronephrosis exhibited by moderate urine dilation extending into the lateral diverticuli. Mild to moderate proximal left and right ureter dilation extending 1.0-2.0 cm past the left and right kidney respectively was present.
INTERPRETED BY	<i>Adrenal Glands</i> The left and right adrenal glands were not definitively visualized. No overt pathology was noted in the area of the left or right adrenal glands.
R. McKenzie Daniel, DVM, DABVP	
IMAGING PERFORMED BY	<i>Spleen</i> 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.
Crystal Hill	
HOSPITAL NAME	<i>Liver/ Gallbladder</i> 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.
Lakeshore Woods Animal Hospital	
REFERRING VET	<i>Gastrointestinal</i> 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.
Dr. Masaud	
INVOICE	
16403	
DATE	
3/21/23	



PATIENT

Stella Plavsic

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.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SPECIES

Canine

Pancreas

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 were evident.

BREED

Doberman

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

Primary Findings

AGE

11 years

- Markedly distended urinary bladder with concurrent proximal urethral dilation to a depth of 5.0 cm - no overt or visualized lower urinary tract obstructive criteria i.e., urinary bladder / urethral masses, calculi, etc.
- Bilateral moderate hydronephrosis with concurrent proximal left and right dilated ureters

WEIGHT

89 lbs.

Secondary Findings

- Benign hepatopathy

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the chronic neurological disease in this patient, neurological bladder with bilateral hydronephrosis potentially secondary to chronic lack of sufficient voiding could be possible. However, the potential for non-visualized left, right, or bilateral ureteral obstruction or non-visualized deep urethral obstructive pathology cannot be definitively excluded.

IMAGING

PERFORMED BY

Crystal Hill

Further assessment may require advanced imaging such as contrast urography, CT with contrast, and/or cystoscopy with possible indwelling catheter placement. If not recently done, full urinary work up including urinalysis, screening C/S, +/- baseline UPC level, if evidence of proteinuria, is suggested. A screening BRAF Assay could be considered to assess for nonobvious neoplastic criteria.

HOSPITAL NAME

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Animal Hospital

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Stella Plavsic

SPECIES
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Doberman

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AGE
11 years

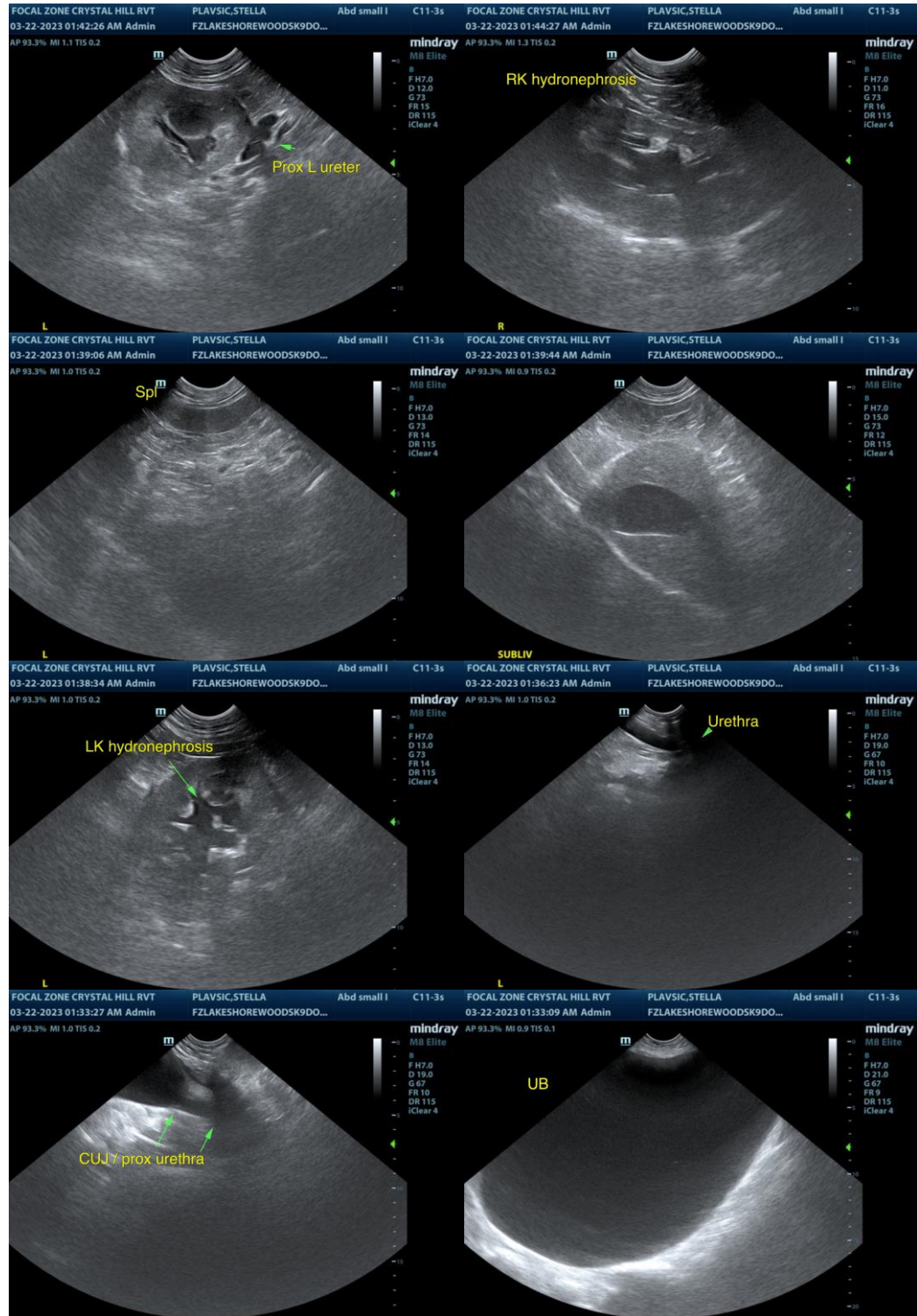
WEIGHT
89 lbs.

INTERPRETED BY
R. McKenzie Daniel,
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IMAGING PERFORMED BY
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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.

SPECIES

Canine

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

Doberman

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

SEX

FS

AGE

11 years

WEIGHT

89 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Crystal Hill

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