



**PATIENT PRESENTING CLINICAL SIGNS**

Lilo Baldwin Hematuria; no stones seen on rads. Not responsive to antibiotics. Not on any meds.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: UA: prot 3+, blood 3+, struvites, USPG 1.029

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED** *Urinary System*

DSH

The **urinary bladder** presented a concentric mass occupying the ventral and dorsal wall. The mass measured up to 1.5 cm x 3.0 cm. Polypoid changes noted elsewhere in the bladder. The mass enters into the pelvic urethra with mineralization and is strongly consistent with urethral/bladder carcinoma. The urethral mass extended at least 2.5 cm in length. The left ureter was obstructed. Left ureter measured 4.0 mm.

**SEX**

Spayed Female

**AGE**

11 Years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.06 cm. The right kidney measured 4.26 cm.

**WEIGHT**

11.2 Pounds

**Adrenal Glands**

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.39 cm. The left adrenal gland measured 0.36 cm.

**IMAGING PERFORMED BY**

Diane McFadden

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

**HOSPITAL NAME**

Mt. Olive VH

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**REFERRING VET**

Dr. Logan

**INVOICE**

44009

**DATE**

7/17/23

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



**PATIENT**

Lilo Baldwin

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**SPECIES**

Feline

**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

**BREED**

DSH

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Spayed Female

- Obstructive urethral and bladder mass with left ureteral obstruction, non-resectable
- Age related pancreatic changes

**AGE**

11 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

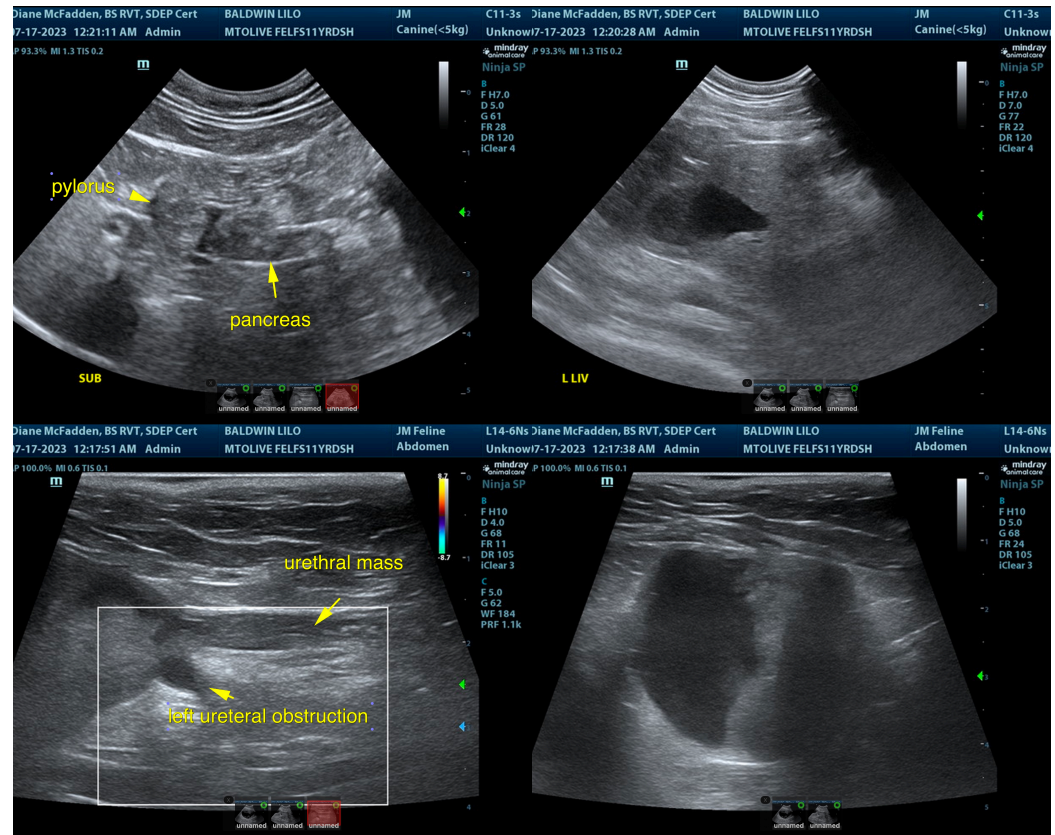
The mass is non-resectable. Referral for stent placement would be warranted (Animal Medical Center – Dr. Weisse and Dr. Berent). The mass is consistent with carcinoma. No evidence of organ metastasis.

**WEIGHT**

11.2 Pounds

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**PATIENT**

Lilo Baldwin

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**SEX**

Spayed Female

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**WEIGHT**

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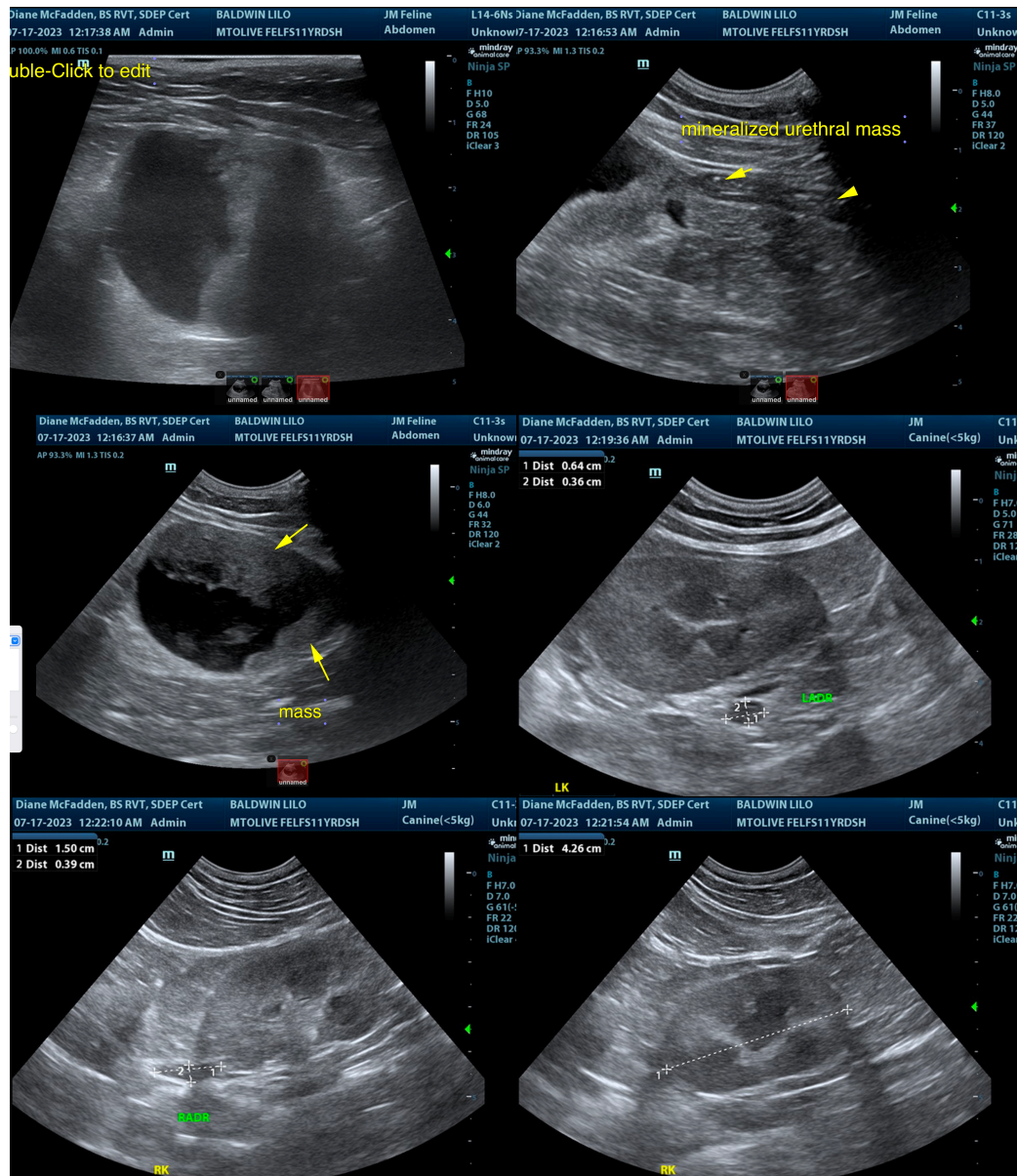
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)