



**PATIENT**

Gypsy Dercole

**PRESENTING CLINICAL SIGNS**

History: Signs of UTI

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Domestic Shorthair

The **urinary bladder** revealed a mineralizing mass that occupied the majority of the ventral wall measuring as a group of polypoid, proliferative tissue changes 3.0 x 2.0 cm. The polypoid changes entered into the cystourethral junction and did not appear resectable.

**SEX**

Spayed female

The left **kidney** is severely dystrophic and subnormal in size at 2.5 cm with cortical infarcts and corticomedullary and pelvic mineralization. The right kidney revealed similar changes and measured 3.9 cm with interstitial nephrosis with disrupted architecture. The right kidney revealed infarcts and cortical collapse.

**AGE**

16 ½ years

**Adrenal Glands**

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.

**WEIGHT**

14 lbs

**Spleen**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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 was noted.

**IMAGING PERFORMED BY**

Dr. Rodriguez

**Liver**

**HOSPITAL NAME**

Foxfield VS

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 revealed a minor amount of calculi.

**REFERRING VET**

Dr. Rodriguez

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

**INVOICE**

76077

**DATE**

7/11/23



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**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**Free Abdomen**

One view revealed free fluid in the abdomen. The cause is unclear, there is a potential for bladder leakage.

**ULTRASONOGRAPHIC FINDINGS**

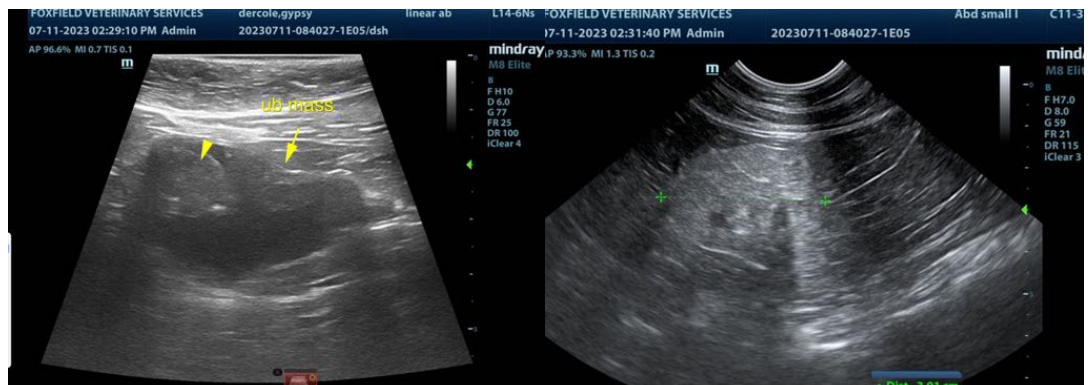
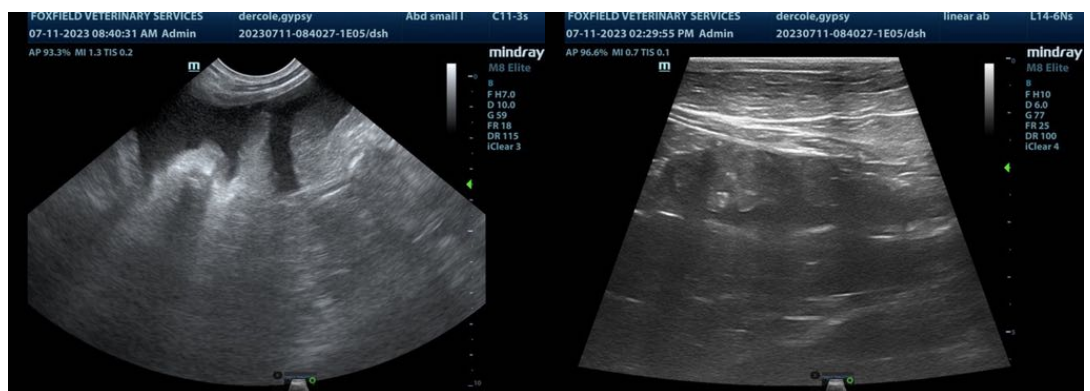
Bladder mass, strongly consistent with carcinoma.

Subjectively end stage degenerative renal disease.

Free fluid, cause is unclear potential for bladder leakage.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Abdominocentesis is warranted with cytospin to assess for exfoliating neoplasia/carcinomatosis. The prognosis is poor for both the renal and bladder presentation.





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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  
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