



**PATIENT**

Leah Gulvas

**PRESENTING CLINICAL SIGNS**

poss obstruction trouble urinating, renal dz pancreatitis, vomiting

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

**BREED**

Boxer

**SEX**

Female

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 right kidney measured 7.86 cm. The left kidney measured 7.9 cm.

**AGE**

11 Years

**Adrenal Glands**

The adrenal glands were not visualized and may be the original source of the underlying neoplasia.

**WEIGHT**

67 Pounds

**Spleen**

Masses were noted throughout the spleen with cavitation.

**Liver**

The **liver** presented heterogeneous, nodular changes, likely owing to metastatic disease.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Gastrointestinal**

Gastric stasis was noted. The small intestine and colon were unremarkable.

**IMAGING PERFORMED BY**

Jenn

**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.

**HOSPITAL NAME**

Rockaway AH

**Free Abdomen**

An undifferentiated, mixed hypoechoic mass was noted measuring 5.3 cm dorsal to the bladder. A separate undifferentiated mass was noted measuring 6.5 cm with regional inflammation, likely lymph node origin.

**REFERRING VET**

Dr. Maniar

A large amount of free fluid was noted. Enhanced nodular omentum noted throughout the mid abdomen.

**INVOICE**

33587

**ULTRASONOGRAPHIC FINDINGS**

- Diffuse abdominal neoplasia – likely lymph node derived, involving spleen and liver

**DATE**

12/20/21

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Prognosis is poor.



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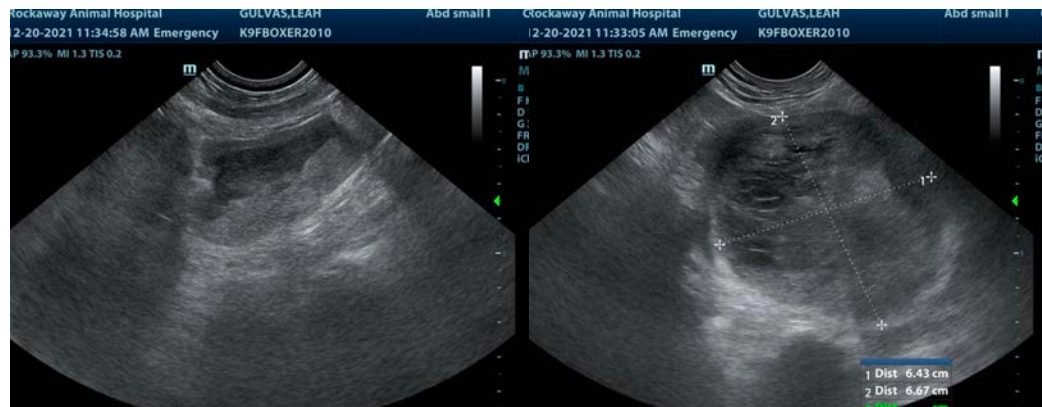
Female

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Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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.

**IMAGING PERFORMED BY**

Jenn

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.

**HOSPITAL NAME**

Rockaway AH

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)

**REFERRING VET**

Dr. Maniar

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