



**PATIENT PRESENTING CLINICAL SIGNS**

Duke Davi Diabetic has not received insulin in days not eating or drinking lethargic

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Canine 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**

Lab

**SEX**

Neutered Male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.76 cm.

**AGE**

7 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. The left adrenal gland measured 1.92 cm x 0.58 cm at the caudal pole and 0.59 cm at the cranial pole.

**WEIGHT**

66.5 Pounds

**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.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**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.

**HOSPITAL NAME**

Rockaway AH

**Gastrointestinal**

**REFERRING VET**

Dr. Maniar

The **stomach** revealed minor fluid filled lumen. The small intestine and colon were unremarkable.

**Pancreas**

**INVOICE**

26553

The **pancreas** revealed extensive mixed hypoechoic parenchymal changes throughout the left limb with regional inflammation that enveloped portions of the intestinal tract. Ultrasound guided FNA warranted to ensure underlying neoplasia is not present. Regional free fluid and peritonitis present.

**DATE**

10/21/21

**ULTRASONOGRAPHIC FINDINGS**

- Extensive pancreatic enlargement/pancreatitis pattern with regional peritonitis
- Age related abdominal changes elsewhere



**PATIENT**

Duke Davi

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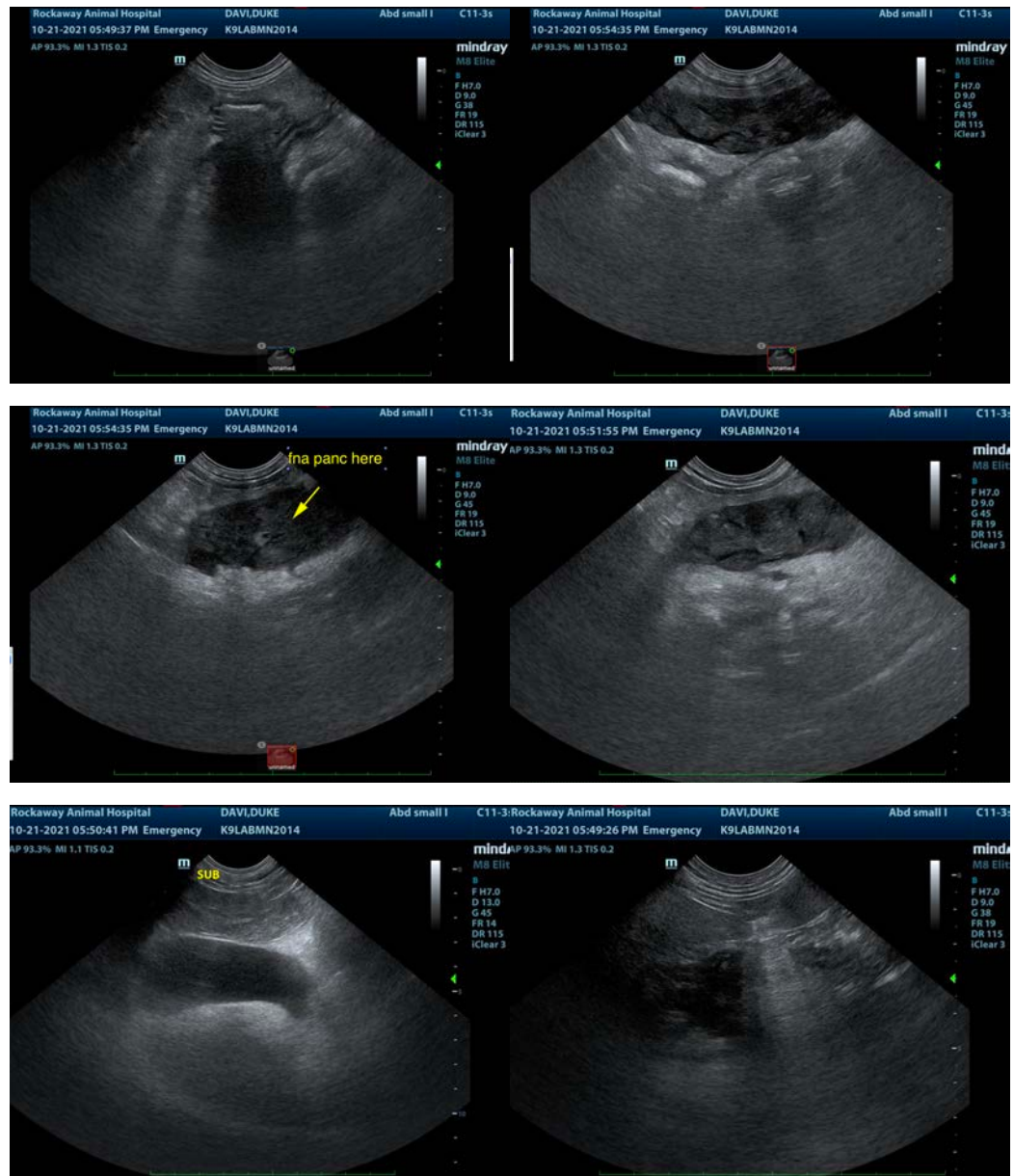
Rockaway AH

**REFERRING VET**

Dr. Maniar

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Possible pancreatic carcinoma. FNA warranted. Surgical removal of the left limb of the pancreas may be necessary in this patient. However, recommend medical treatment over the next 48-72 hours after FNA is performed. Guarded prognosis.



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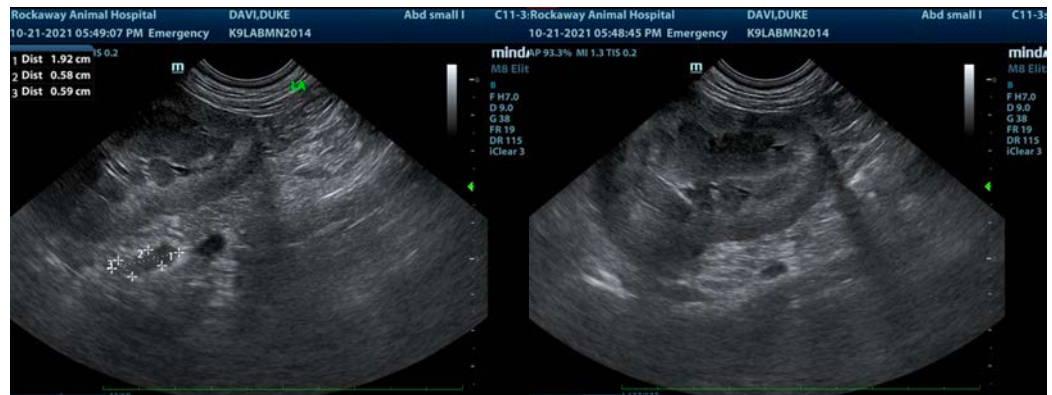
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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