

PATIENT PRESENTING CLINICAL SIGNS

Dakota Mendinsky History: 3 month duration chronic vomiting, 8# weight loss – 1 month, large, firm, palpable caudal abdominal mass.

SPECIES Sublumbar mass noted on radiographs.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Lab Mix

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. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

FS

A mixed hypoechoic, expansive 10+ cm sublumbar lymph node mass was noted in this patient, encompassing the iliac trifurcation and obstructing the **right kidney**. Hydroureter and mild hydronephrosis noted in the right kidney. The right kidney measured 8.12 cm. The **left kidney** was also obstructed with a 1.26 cm hydroureter, moderate hydronephrosis. The left kidney measured 8.14 cm. Regional inflammation was noted around both kidneys. The sublumbar mass appeared to be mineralizing and significantly complex. Exact origin could not be ascertained, yet likely lymph node or possible ureteral origin. The mass encompassed and obstructed both ureters. Slight free fluid noted. I cannot rule out this mass being related to an invasive adrenal gland from either adrenal, as the adrenal glands were not visualized and may be expanding through the vena cava and into the retroperitoneal space. Regional lymph nodes were also enlarged.

AGE

2 years

WEIGHT

76 Pounds

Adrenal Glands

INTERPRETED BY The **adrenal glands** were not visualized.

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

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.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Liver

HOSPITAL NAME

Rush UC

The **liver** was heterogeneous with minor irregular, nodular changes and expansive, irregular contour. The gallbladder was unremarkable.

Gastrointestinal

REFERRING VET

Dr. Milot

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

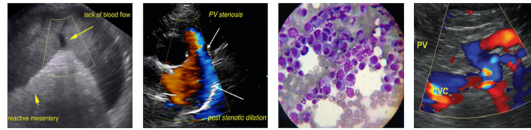
24649

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.

DATE

8.15.2021



PATIENT ULTRASONOGRAPHIC FINDINGS

Dakota Mendinsky

- Extensive undifferentiated mass with regional lymphadenopathy – possibly lymph node origin
- Bilateral hydronephrosis and hydroureter owing to mass obstruction of the ureters
- Heterogeneous liver

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound guided FNA of the mass and assessment for chemo responsiveness would be appropriate. This does not appear resectable.

BREED

Lab Mix

SEX

FS

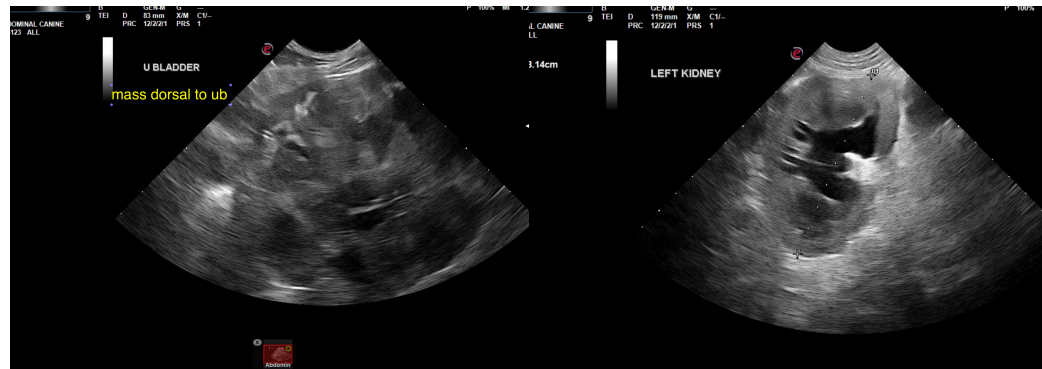
AGE

2 years



WEIGHT

76 Pounds



INTERPRETED BY

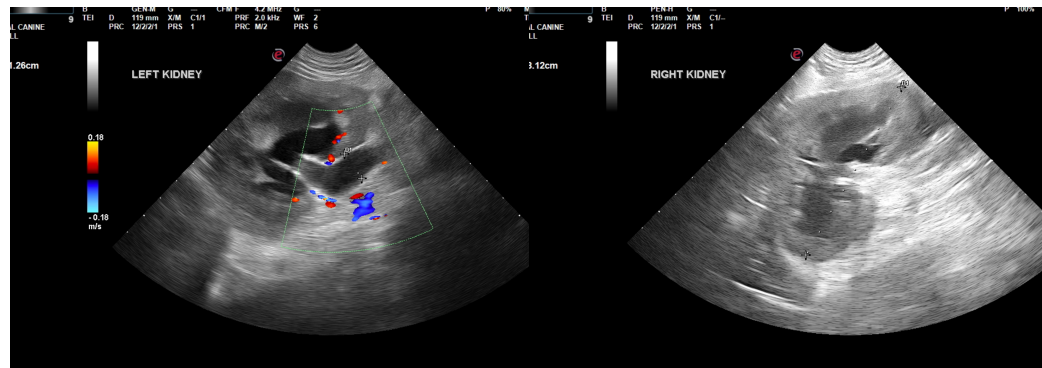
R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Rush UC



REFERRING VET

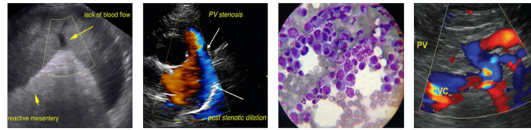
Dr. Milot

INVOICE

24649

DATE

8.15.2021



PATIENT

Dakota Mendinsky

SPECIES

Canine

BREED

Lab Mix

SEX

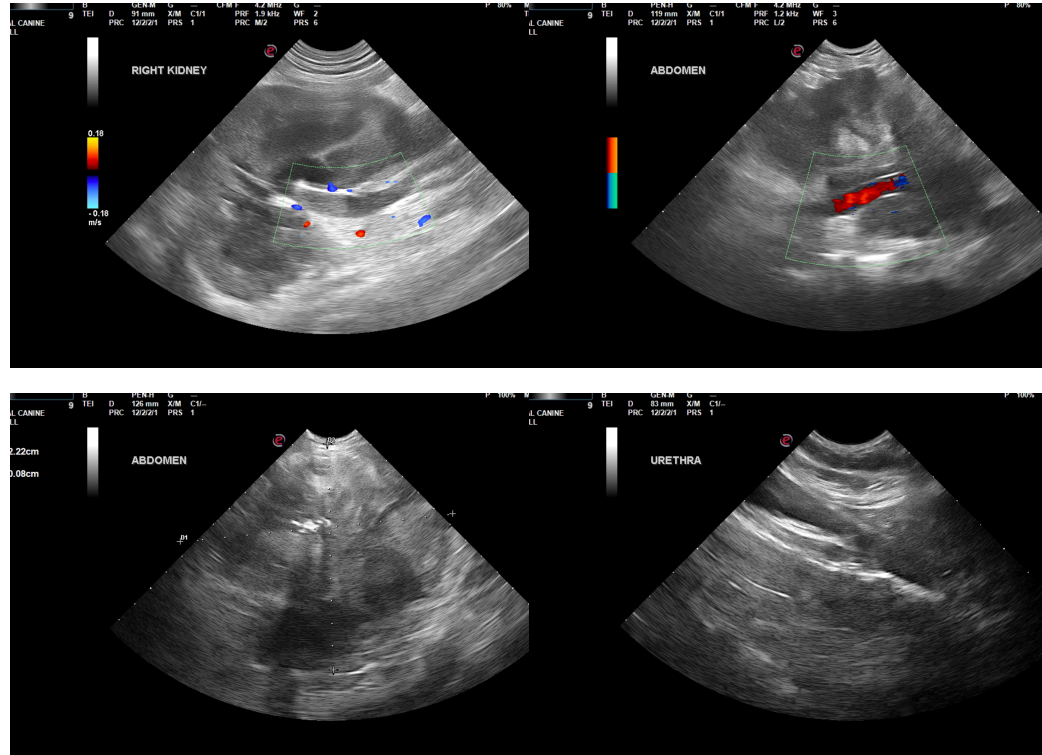
FS

AGE

2 years

WEIGHT

76 Pounds



INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

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.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

HOSPITAL NAME

Rush UC

REFERRING VET

Dr. Milot

INVOICE

24649

DATE

8.15.2021