



DATE PRESENTING CLINICAL SIGNS

04/03/26 Patient History: Large mass; had splenectomy July 2024.

PATIENT Current Medications: Petinic - Vitamin B Supplement.

Rocky Cutone

Labwork Results: Diagnostics attached. Reported as large kidney mass?

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

SPECIES

Ferret

Imaging Performed by: Andi Parkinson, BS, RDMS,

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Ferret

Urinary System

SEX

Neutered Male

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.

AGE

11/18/18

The **right kidney** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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. Slight mineralizations were noted. The right kidney measured 2.9 cm in length.

WEIGHT

1079 grams

The **left kidney** revealed a cystic and parenchymal mass formation. Acoustic shadowing was noted with multifocal areas of mineralization in the cranial body of the left kidney. Approximately half of the renal volume is owing to echogenic fluid accumulation. Proliferative tissue in the renal pelvis was noted. The left kidney measured 6.6 cm in length. The left kidney appears to be encapsulated, however, some peripheral inflammation was noted.

INTERPRETED BY

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IVUSS

Adrenal Glands

The **left adrenal gland** is not visualized and may be captured within the left renal pathology.

HOSPITAL NAME

Chadwell Animal
Hospital

The region of the **right adrenal gland** was imaged with no evident pathology.

Spleen

REFERRING VET

Dr. Gold

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.

INVOICE

14847

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.

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.

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

Trace amounts of free fluid were noted.

Radiographs

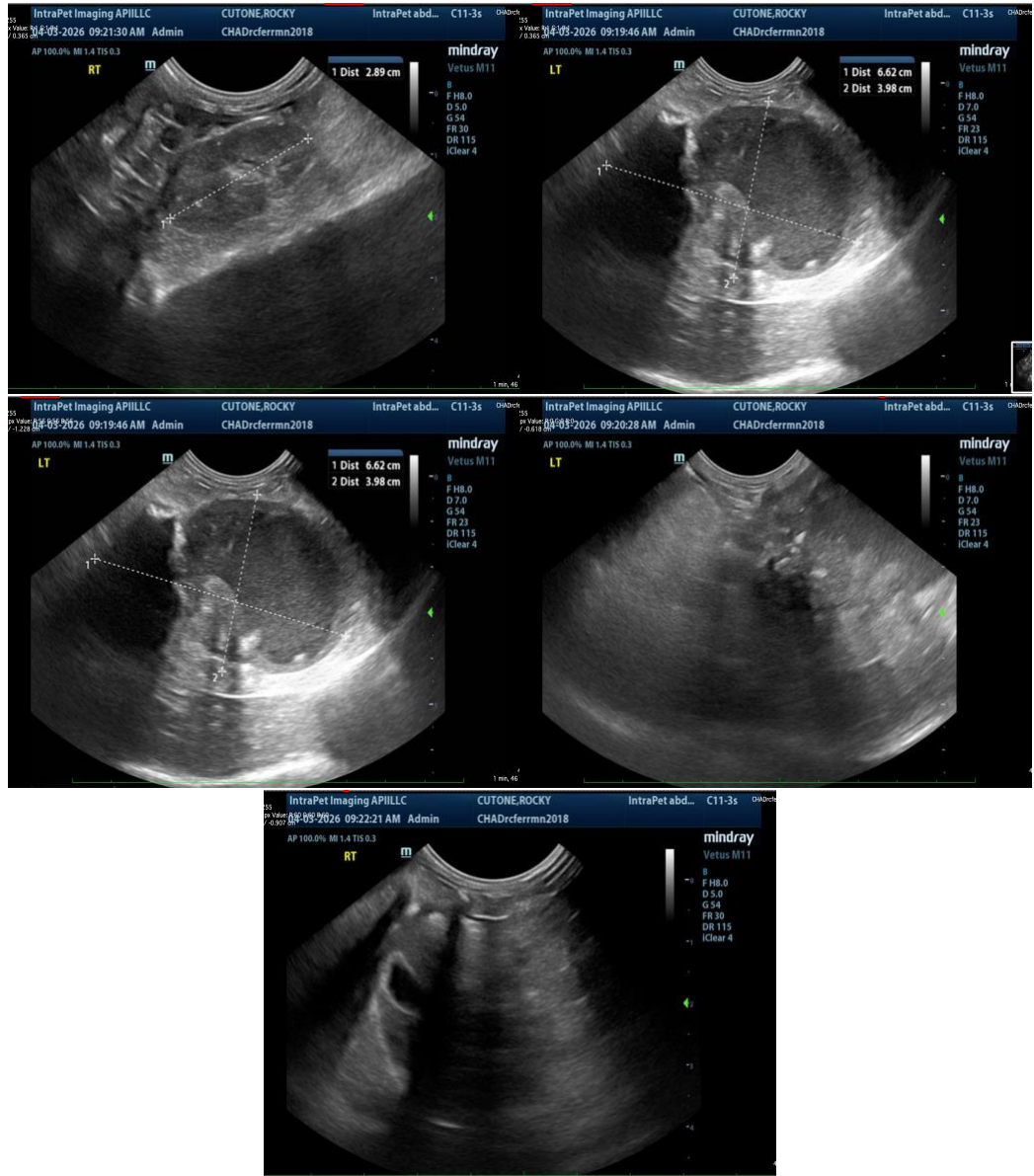
Radiograph revealed a mid-abdominal mass consistent with left renal enlargement.

ULTRASONOGRAPHIC FINDINGS

- Mineralizing left renal mass possibly involving the left adrenal gland.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery is indicated with expectation of left nephrectomy. Prognosis is guarded. Renal carcinoma is suspected, however, adrenal carcinoma with renal involvement is a potential as well.



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.

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