



**PATIENT PRESENTING CLINICAL SIGNS**

Kit Kat Kulink

Removed a mast cell tumor from face 12/9/21 (confirmed MCT via histopath). Doing abdominal ultrasound with splenic aspirate +/- liver aspirate to further stage. In remission for diabetes mellitus. Recently removed numerous teeth. Otherwise doing great, behavior is normal. Radiographic Findings Abdominal radiograph WNL. We are not doing a thoracic ultrasound, but KitKat does have some lymphadenopathy in cranial thorax (possibly related to MCT, unsure at this time).

**SPECIES**

Feline

Abnormal PE/Chem/CBC/UA Results: Glucose was in the 300-400s, but is now trending normal (diabetic remission).

**BREED**

Domestic Shorthair

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**SEX**

Spayed Female

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 was noted. Ureteral papillae were normal.

**AGE**

13 years

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.96 cm. The right kidney measured 4.29 cm.

**WEIGHT**

12.19 lbs

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

**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 right adrenal gland measured 0.49 cm. The left adrenal gland measured 0.41 cm.

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**Spleen**

**HOSPITAL NAME**

Creswell VH

The **spleen** was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour. This is consistent with reactive spleen owing to immune stimulus or early infiltrative disease such as mast cell disease or lymphoma. 25-gauge FNA would be ideal if weight loss is an issue to differentiate early round cell neoplasia versus splenitis or reactive spleen all of which can present in this manner.

**REFERRING VET**

Dr. Furrer

**Liver**

**DATE**

12/22/21

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

**Invoice**  
94839



**PATIENT**

lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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**SPECIES**

**Gastrointestinal**

Feline

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.

**BREED**

Domestic Shorthair

**Pancreas**

**SEX**

Spayed Female

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.

**AGE**

13 years

**Free Abdomen**

A large amount of abdominal fat was noted in this patient.

**WEIGHT**

12.19 lbs

**ULTRASONOGRAPHIC FINDINGS**

Slight splenic enlargement. Reactive normal variant or early round cell neoplasia is possible.

**INTERPRETED BY**

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Otherwise, age related abdominal changes.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound-guided FNA was performed without complication.

**HOSPITAL NAME**

Creswell VH

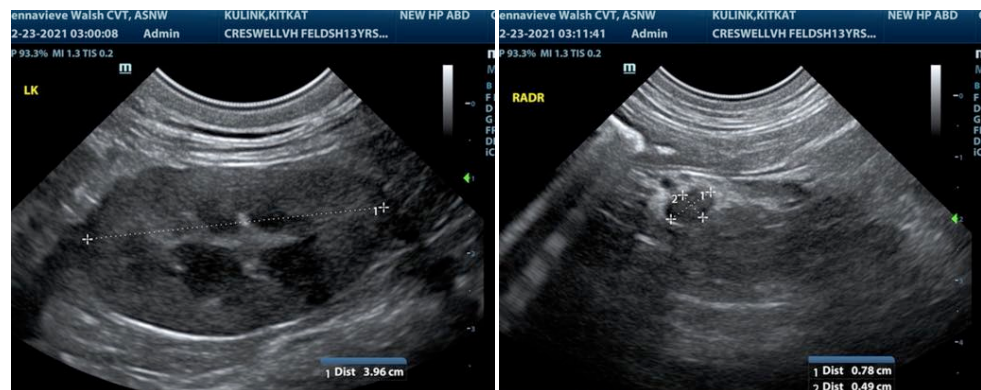
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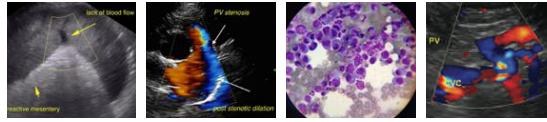
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**PATIENT**

Kit Kat Kulink

**SPECIES**

Feline

**BREED**

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**SEX**

Spayed Female

**AGE**

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**WEIGHT**

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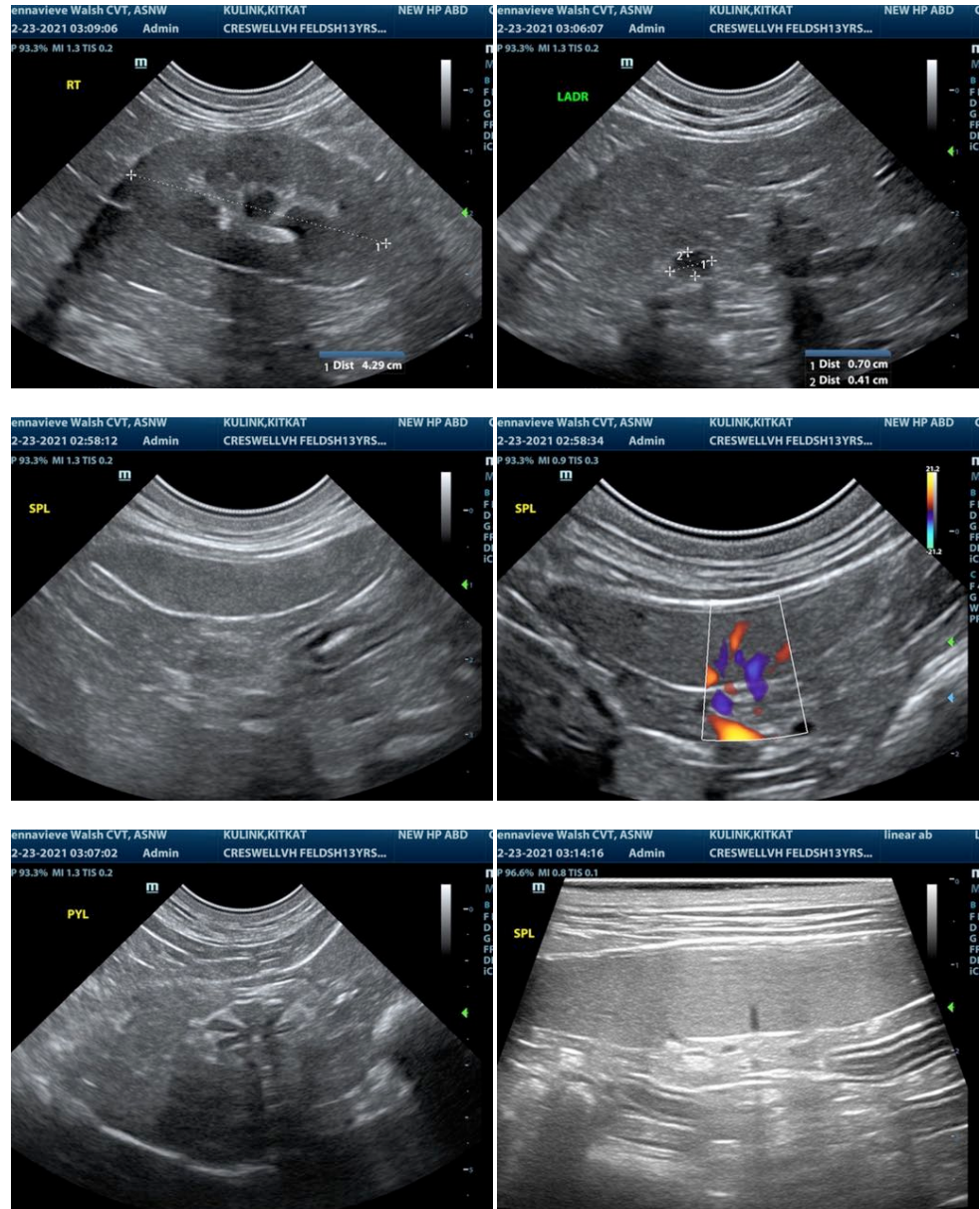
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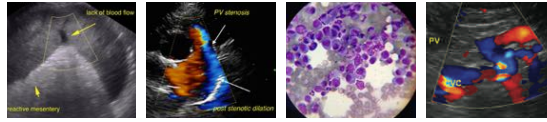
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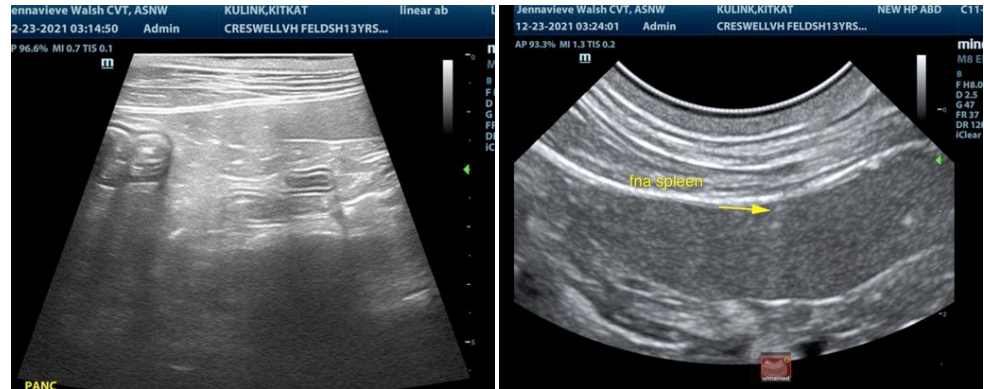
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**

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