

**PATIENT PRESENTING CLINICAL SIGNS**

Nala Smith Decreased appetite, vomiting, not acting right. Hx of Asthma. Current meds: Prednisolone 2.5 mg PRN  
Abnormal PE/Chem/CBC/UA Results: wnl

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Feline

**Urinary System**

**BREED**

DSH

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**

Spayed 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 left kidney measured 3.47 cm. The right kidney measured 3.67 cm.

**AGE**

10 Years

**Adrenal Glands**

**WEIGHT**

Not Given

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 0.38 cm.

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen measured 0.9 cm. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. A hyperechoic lipogranulomatous nodule was noted at 0.32 cm. 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**

Shari Reffi, CVT

**Liver**

**HOSPITAL NAME**

Tranquility VC

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.

**REFERRING VET**

Dr. Antonelli

**Gastrointestinal**

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The stomach was empty. 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.

**DATE**

1/27/22



**PATIENT**

Nala Smith **Pancreas**

**SPECIES**

Feline

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**

**BREED**

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

DSH

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

- Structurally unremarkable abdomen with minor lipogranulomatous splenic nodules, not pathological

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

No evidence of pathology. No evidence of neoplasia. The Prednisolone may be suppressing a more significant presentation. However, structurally the abdomen was unremarkable.

10 Years

**WEIGHT**

Not Given



**INTERPRETED BY**

Eric Lindquist, DMV

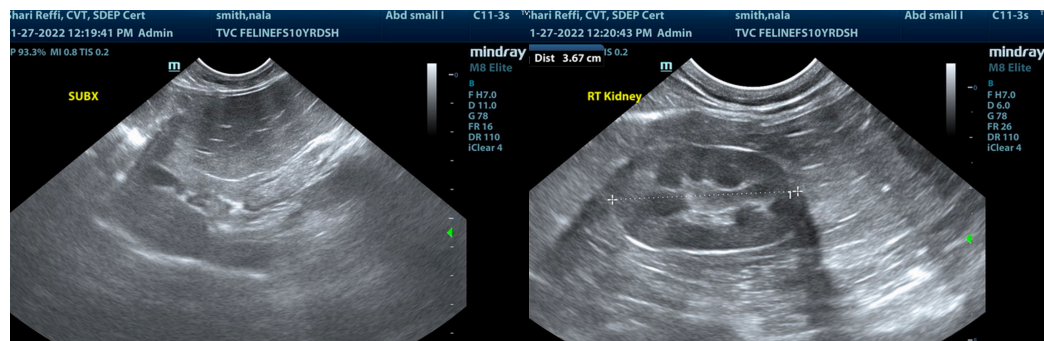
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

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**REFERRING VET**

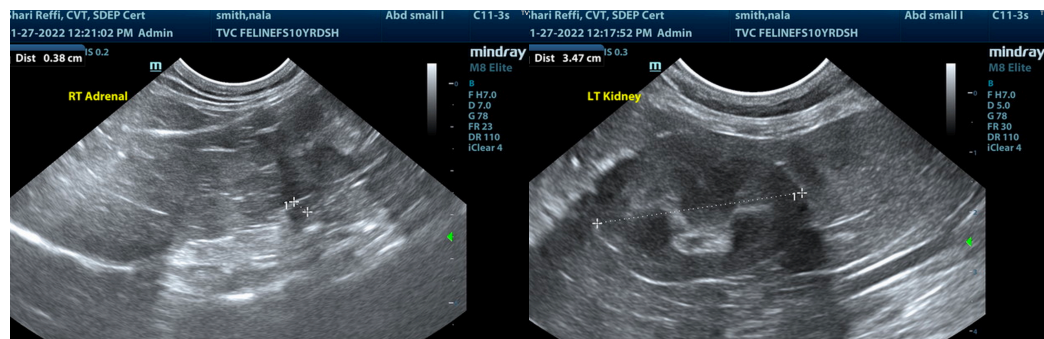
Dr. Antonelli

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**PATIENT**

Nala Smith

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

10 Years

**WEIGHT**

Not Given

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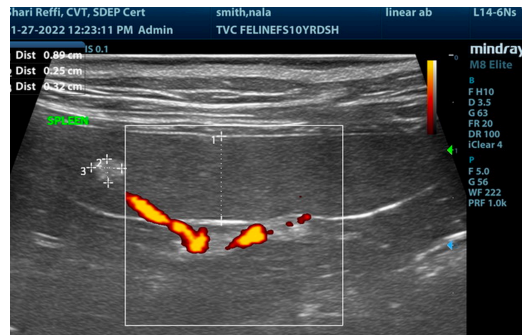
Dr. Antonelli

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**DATE**

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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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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