



PATIENT

Batman Gangala

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

5 years

WEIGHT

5.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Valeryia Shumskaya

HOSPITAL NAME

Gentle Vet

REFERRING VET

Dr. Dulude

INVOICE

43502

DATE

3/27/23

PRESENTING CLINICAL SIGNS

History: Chronic intermittent V/D - did vomit blood (Has resolved). Hx cerebellar hypoplasia, ocular hypoplasia
Abnormal PE/Chem/CBC/UA Results: HCT 25, Hb 7.9, ALB 2.1, ALT 22, BUN 15, Creat 0.8, NRBC 21.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed mildly increased cortical echogenicity with corticomedullary mineralization and hyperechoic medullary rim sign. These are considered precocious degenerative changes. The left kidney measured 3.2 cm. The right kidney measured 3.87 cm.

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 0.48 cm. The left adrenal gland measured 0.2 cm.

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 was noted.

Liver

The **liver** revealed coarse architecture with mildly increased portal markings. The gallbladder and common bile duct were unremarkable.

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.



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Pancreas

Batman Gangala

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.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

BREED

Hepatic and renal remodeling, non-specific.

Domestic Longhair

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Neutered male

The cause of albumin loss is not evident. Urinalysis is warranted to assess for protein losing nephropathy. Bile acid profile is warranted given the hepatic remodeling. CBC path review and bone marrow aspirate is indicated. Diagnosis is open.

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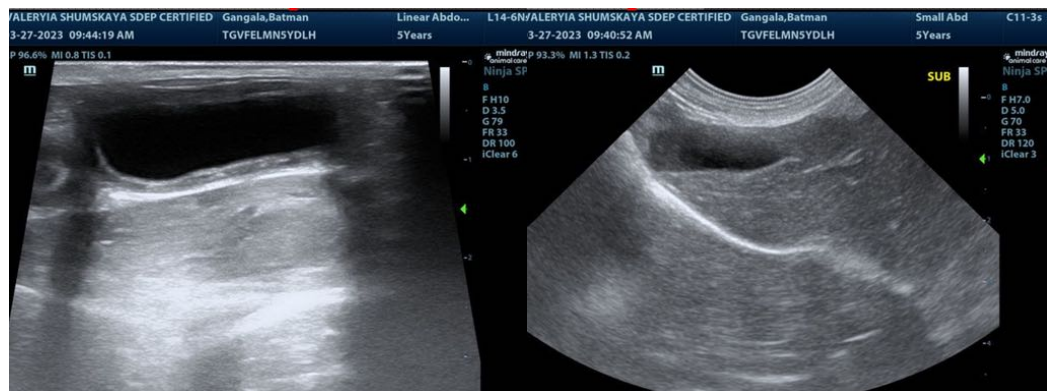
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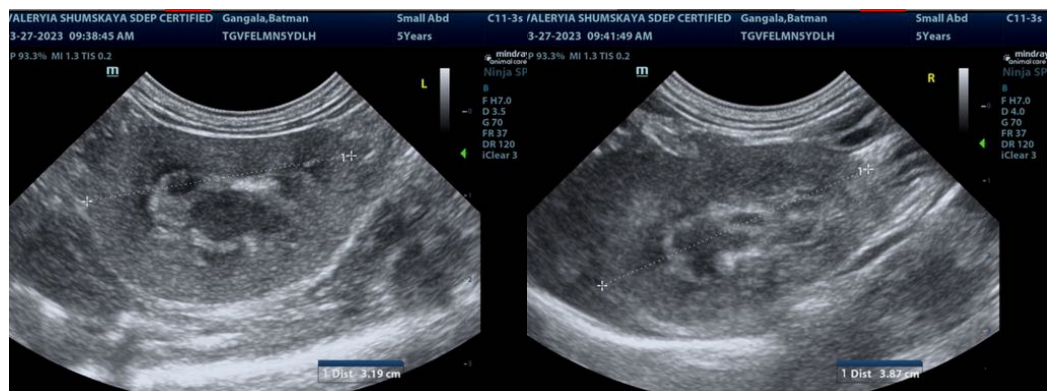
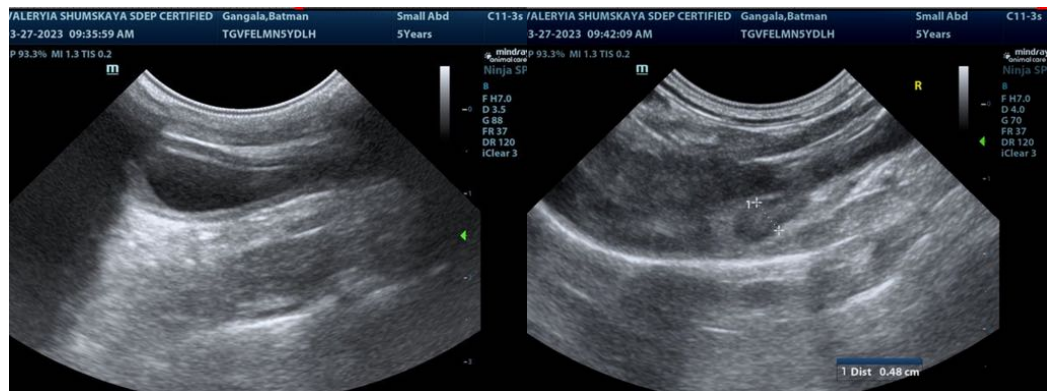
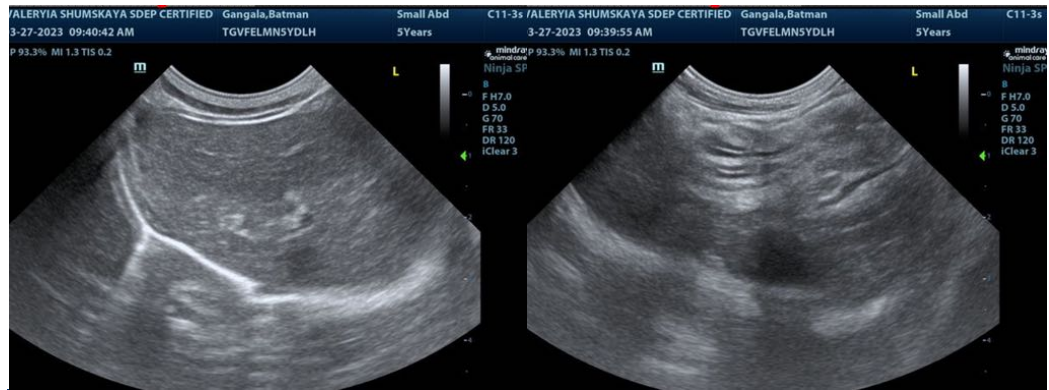
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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