



PATIENT

Lorenzo Giussani

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

Neutered male

AGE

9 years

WEIGHT

22 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Varujan Belekdanian

HOSPITAL NAME

Overpeck Creek AH

REFERRING VET

Dr. Belekdanian

INVOICE

73527

DATE

3/17/26

PRESENTING CLINICAL SIGNS

- Lorenzo is a 9 year old MN Miniature Schnauzer who presented asymptotically for an abdominal ultrasound. Patient has had a history of having a hematocrit of 19% that was non-regenerative with lymphopenia on 02-12-26, however this labwork was done at Demarest vet hospital. There was a possible mix up with the lab, and so labwork may not be true. Owner had gone to Oradell on 2-18-2026 after these results were communicated, Demarest vet instructed them to out of concern of anemia. Labwork at Oradell was WNL, with no anemia or lymphopenia present. Radiographs did not reveal any major abnormalities aside from a soft tissue opacity seen in the cranioventral mediastinum, and several faint soft tissue to mineral opacities measuring up to 5 mm in diameter located in the mid to cranial apex of the urinary bladder. Offered to owner to have repeat bloodwork and radiographs done before ultrasound, but o insisted.

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 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. Slight mineralization was noted. The right kidney measured 4.84 cm. The left kidney measured 4.8 cm.

Adrenal Glands

The left **adrenal gland** was 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 left adrenal gland measured 0.5 cm. The region of the right adrenal gland was imaged with no evidence of pathology.

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.



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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

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable age related abdominal changes. There was no evidence of directly related to the anemia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CBC path review, chest radiographs and bone marrow aspirate are all indicated.



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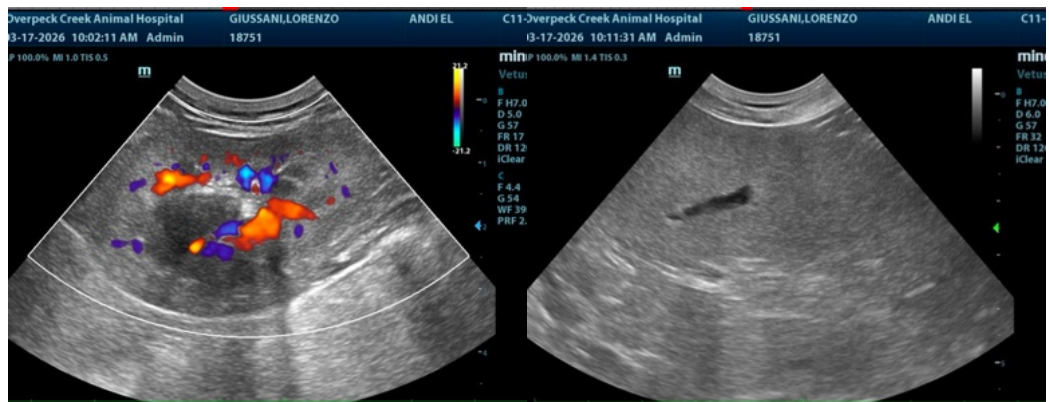
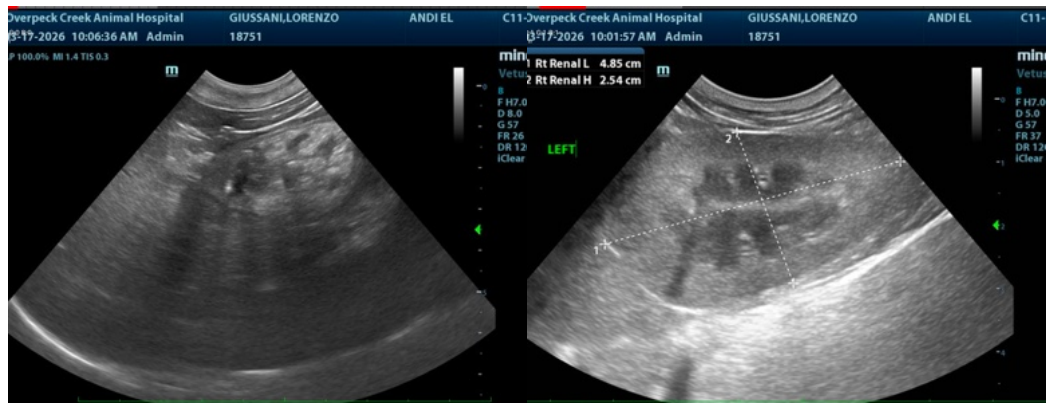
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com