



PATIENT

Brunson Izquierdo

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Male

AGE

10 Months

WEIGHT

57.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Chloe Lowe

HOSPITAL NAME

Animal General on the
Hudson

REFERRING VET

Dr. DiGiuseppi

INVOICE

73260

DATE

2/25/26

PRESENTING CLINICAL SIGNS

Azotemia. Halitosis. Mild plaque. Pododermatitis. Flurinazole, clindamycin, cytopoint

Abnormal PE/Chem/CBC/UA Results: Chem- BUN 190, Crea 7.9, SDMA 28.8, hypocalcemia 7.5 CBC- mild anemia 29010, lymph 5921

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 were noted. Ureteral papillae were normal.

The prostate was uniform at 3.0 cm.

The **kidneys** were fairly normal in size yet significant disrupted architecture present with heterogeneous irregular cortices and deviated disrupted renal pelvises, strongly consistent with primary renal dysplasia. Echogenic remodeling also noted. Right kidney measured 5.94 cm. Left kidney measured 6.25 cm. Blood flow to the kidneys was subnormal.

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. Right measured 2.83 cm x 0.44 cm at the caudal pole and 0.76 cm at the cranial pole. Left measured 1.55 cm x 0.49 cm at the caudal pole and 0.36 cm at the cranial pole.

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 were noted.

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



PATIENT

Brunson Izquierdo

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Male

AGE

10 Months

WEIGHT

57.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Chloe Lowe

HOSPITAL NAME

Animal General on the
Hudson

REFERRING VET

Dr. DiGiuseppi

INVOICE

73260

DATE

2/25/26

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

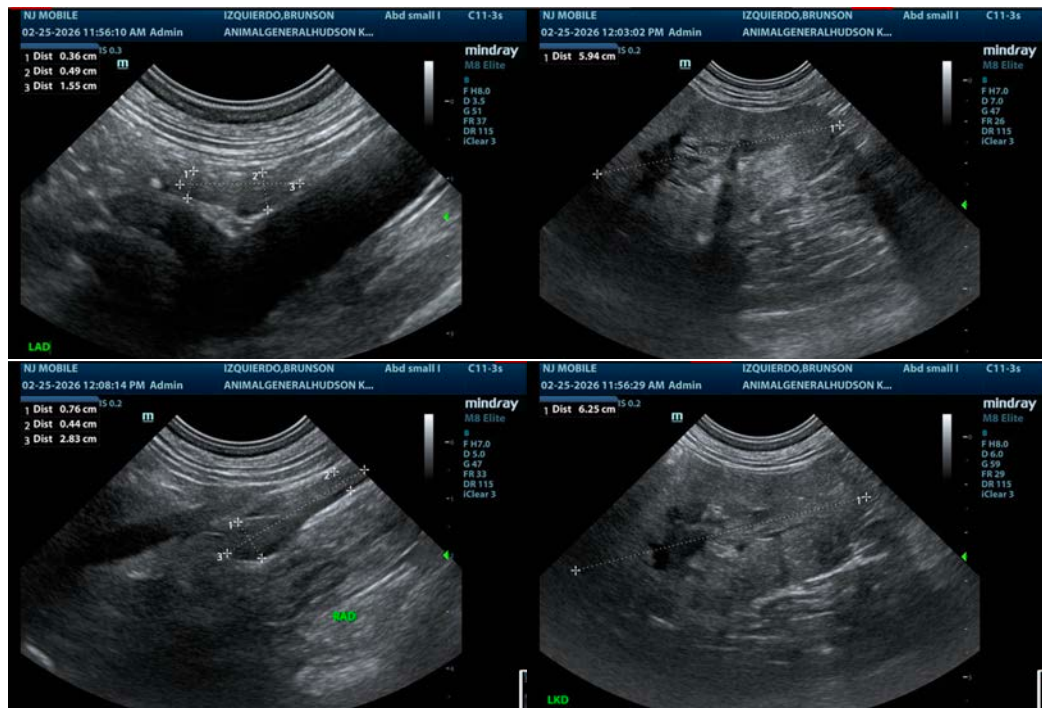
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Primary renal dysplasia pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Renal biopsy would be necessary for further definition yet prognosis long-term is poor. Management for renal failure indicated. Full urinary workup and culture warranted if any inflammatory sediment is present. The breeding line should be evaluated for similar pathology.





PATIENT

Brunson Izquierdo

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Male

AGE

10 Months

WEIGHT

57.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP (CFM), Cert.
 IVUSS

IMAGING PERFORMED BY

Chloe Lowe

HOSPITAL NAME

Animal General on the
 Hudson

REFERRING VET

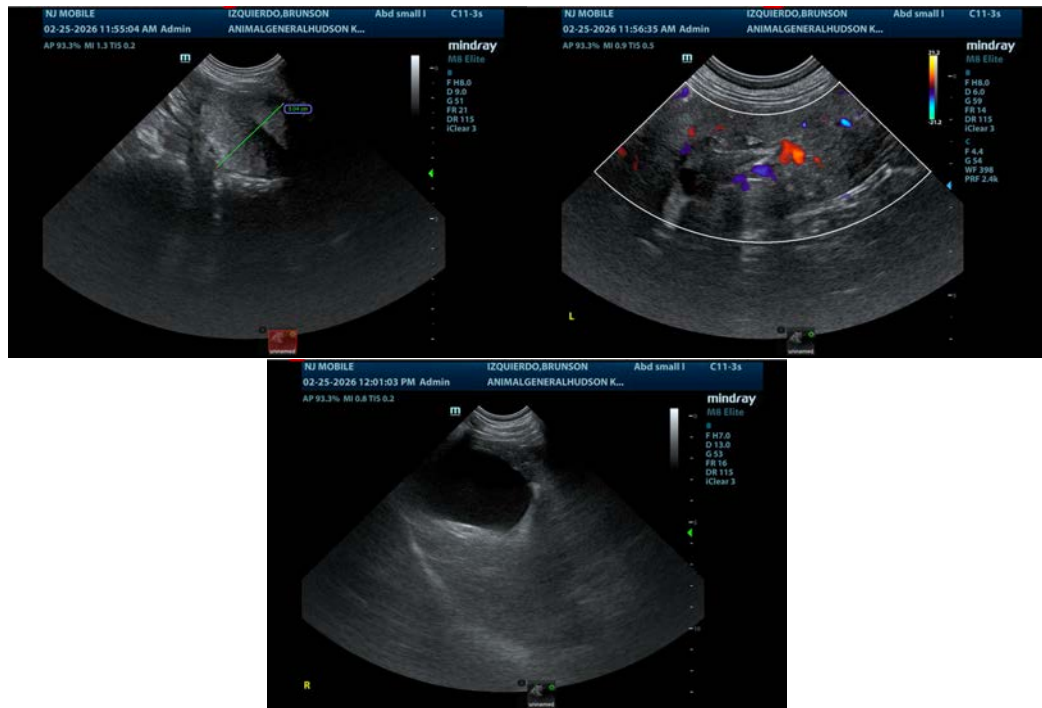
Dr. DiGiuseppi

INVOICE

73260

DATE

2/25/26



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, Owner, Founder -- SonoPath.com
info@SonoPath.com