



PATIENT PRESENTING CLINICAL SIGNS

Chippy Banks

Transfer to ER from RDVM on Fri 6/30, was seen for anorexia x 2 days, lethargy, PU/PD. NO vomiting. He is a difficult dog to examine b/c very tense and nervous, sometimes very vocal and resists most handling or treatments.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: rDVM initial labs 6/30: severe leukopenia and low platelets (54,000). Chem and electrolytes basically WNL. They took abd. rads and there was material in stomach, unknown if ingesta or foreign material (had not eaten in ~36 hours). Otherwise WNL. cPL was normal. Dx4 SNAP test neg for all. On 7/1, WBC total 5K but still neutropenia 0.28, monocytosis; path review confirmed thrombocytopenia and leukopenia, no evidence of neoplasia, r/o included toxic insult or increased destruction d/t infection or other immune mediated; He has been treated through weekend with broad spectrum abx, IV fluids, GI support, but remains inappetent;

BREED

Mixed

SEX

Neutered Male

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

AGE

5 Years

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.

WEIGHT

19 kg

The residual prostate measured 0.97 cm.

INTERPRETED BY

Eric Lindquist, DMV

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.55 cm. The left kidney measured 6.22 cm.

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Callihan

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 0.50 cm. The left adrenal gland measured 0.55 cm at the cranial pole and 0.61 cm at the caudal pole.

HOSPITAL NAME

Animal Emergency Care

REFERRING VET

Dr. Loeffler

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.

INVOICE

43692

DATE

7/3/23

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.



PATIENT

Gastrointestinal

Chippy Banks

The upper gastrointestinal tract was empty and unremarkable. Soft stool noted in the colon.

SPECIES

Pancreas

Canine

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.

BREED

Mixed

ULTRASONOGRAPHIC FINDINGS

- Resolving gastrointestinal upset

SEX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutered Male

No evidence of structural disease. Supportive care should prove effective. Screening for Addison's warranted, given the lack of response, even though adrenals appear normal.

AGE

5 Years

WEIGHT

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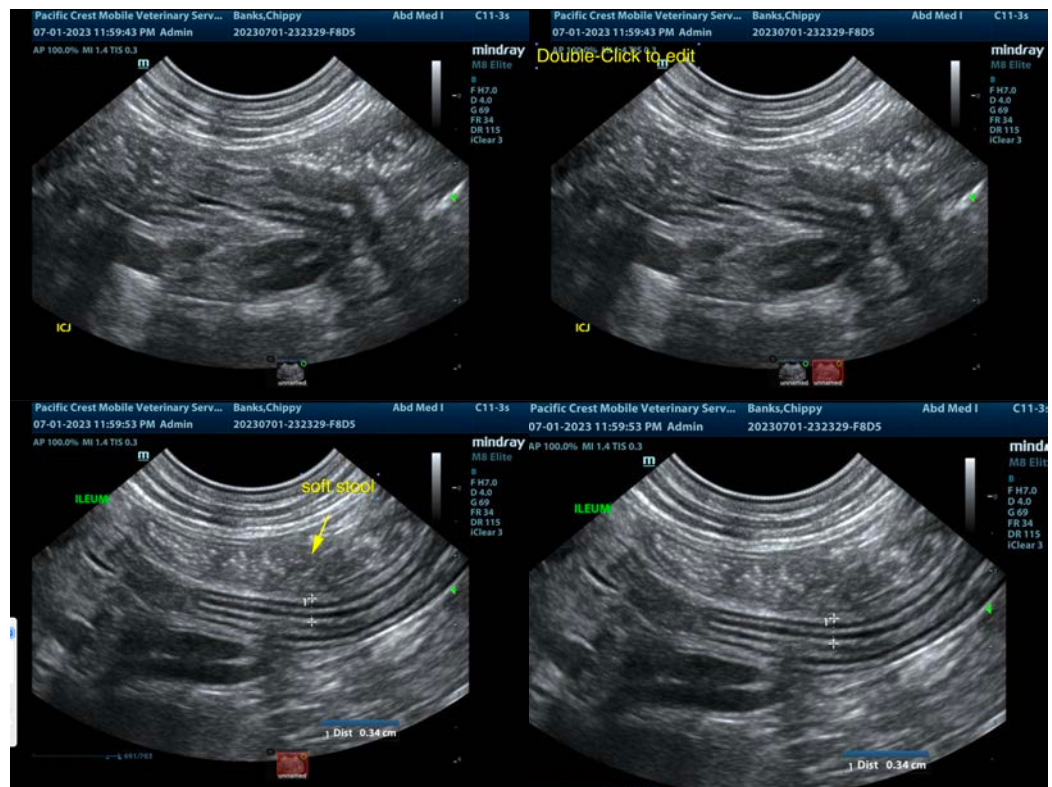
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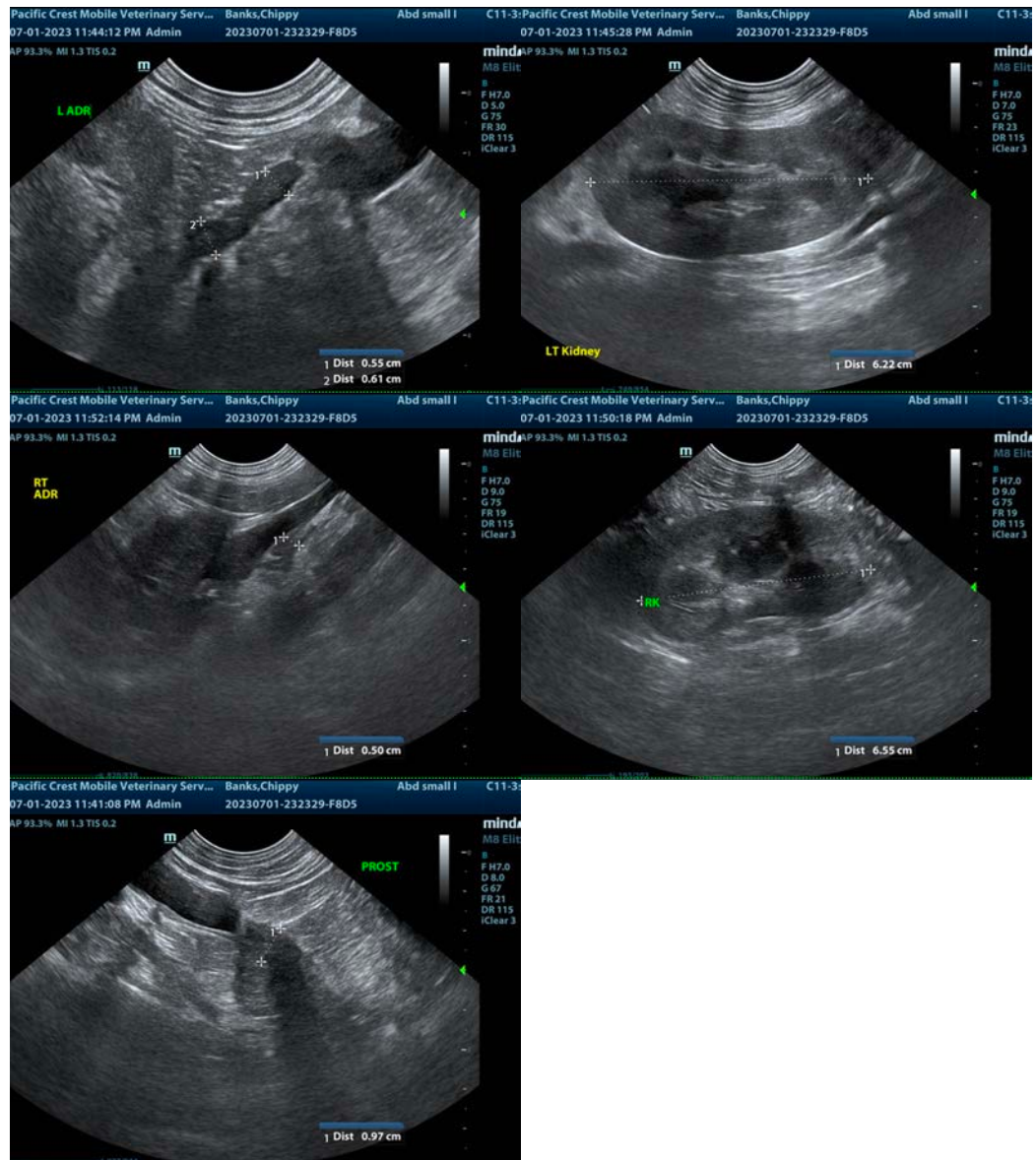
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, CEO of SonoPath.com

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