

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Billy Bridge
SPECIES Canine
BREED Chihuahua
SEX MN
AGE 15 years
WEIGHT 3.2 kg

History: Presented at our hospital for diarrhea and lethargy off and on since 6/1. Was seen at urgent care 6/1, got Cerenia injection, SQ fluids, Provable, metronidazole, sucralfate, and famotidine. Rads and bloodwork were done. Was seen 6/2 by rDVM, got Cerenia injection and SQ fluids. Also got SQ fluids yesterday at rDVM. Overnight, the diarrhea became more frequent and is completely liquid with pink tinge. Previous Health Concerns: HGE, heart murmur Current Medications: Metronidazole (250 mg/ml) 0.3 ml q 12, Provable, sucralfate (1 g) ¼ tab q 8 (not giving consistently), famotidine (10 mg) ¼ tab q 24 Abnormal PE/Chem/CBC/UA Results: Cardiovascular: Grade 4/6 left sided heart murmur, est 5% dehydration Respiratory: clear lung sounds Abdominal: generalize tense Liver panel: normal, Epcoc: Na+ 152 cPL: normal

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra presented normal thicknesses and normal tone to a depth of 2 cm. 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 kidneys revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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 3.81 cm in length. The right kidney measured 3.81 cm in length.

Adrenal Glands

Both adrenal glands were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some minor heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These minor changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease.

The left adrenal gland measured 1.3 cm in length by 0.47 cm caudal pole width by 0.5 cm cranial pole width. The right adrenal gland measured 2.0 cm in length by 0.5 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 were noted.

Liver

The liver images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal

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contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

SPECIES

Canine

Gastrointestinal

Examination of the gastrointestinal tract revealed a stomach overdistended with fluid. The pylorus appears patent. The small intestine appears hyperperistaltic yet structurally unremarkable. A fluid filled colon was observed. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

BREED

Chihuahua

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.

SEX

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- Gastroenteritis presentation-underlying parasitic disease, enterotoxin, dietary indiscretion or intolerance are possible

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Broad spectrum antibiotics, GI protectants, 24 hour NPO and fluid support are all indicated.

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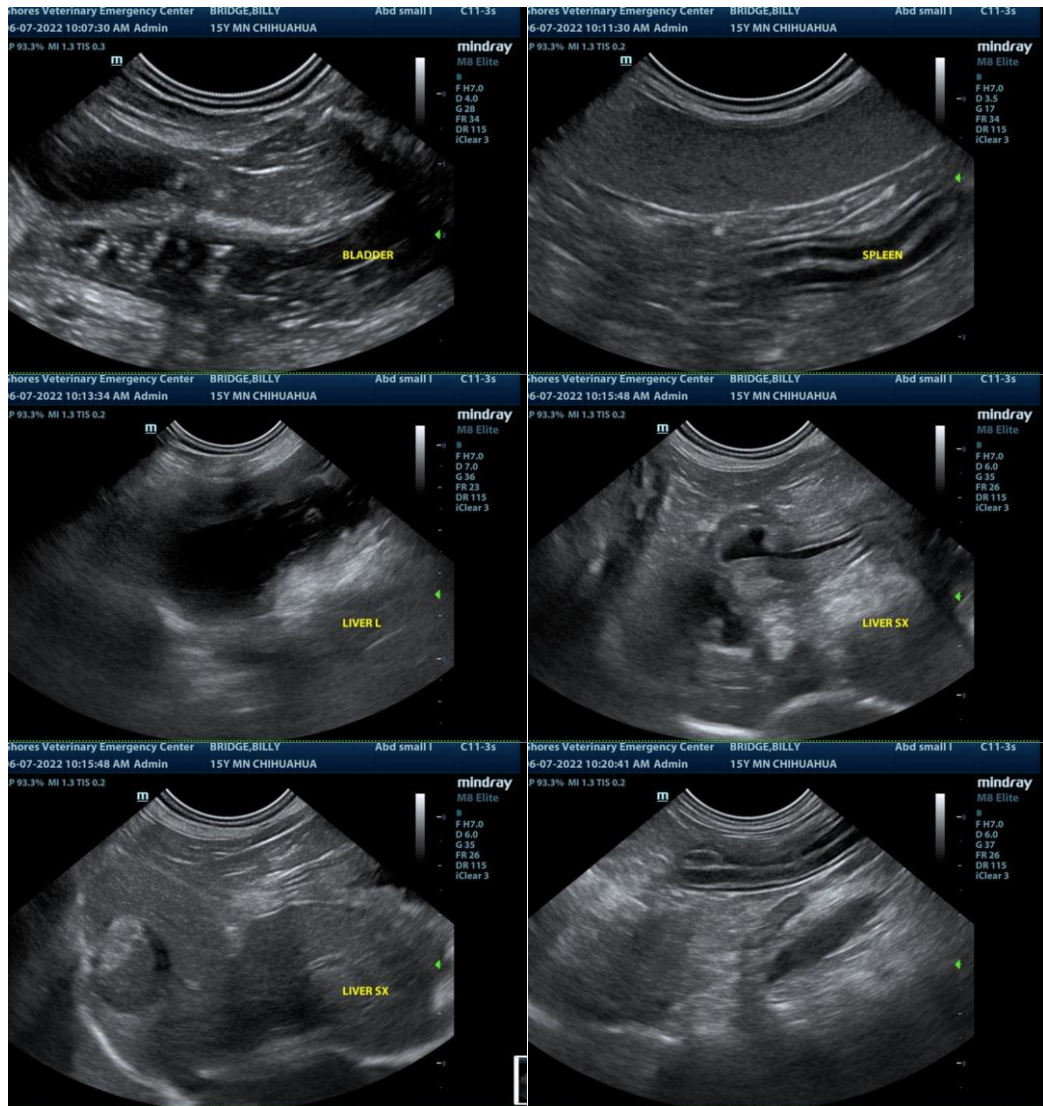
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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