



PATIENT PRESENTING CLINICAL SIGNS

Benny D Chavarie

History: Pt presented for being lethargic, not eating and vomiting since Saturday
 Abnormal PE/Chem/CBC/UA Results: CBC - WBC 17.29, NEU 14.63 Chemistry - BUN >140, CRE 9.0, IP >15.0, GLU 142 EPOC - pCO2 28.9, Ca++ 1.08, BUN >120, Crea 8.15, Glu 127 IP (diluted): 17.0 mg/dl BUN (diluted): 152.9 mg/dl

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Chihuahua Mix

Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

SEX

Neutered Male

The left kidney is normal in size (5.06 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal. Trace retroperitoneal fluid is observed adjacent to the caudal pole.

AGE

10

The right kidney is normal in size (4.92 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis.

WEIGHT

7.5 kg

Adrenal Glands

The left adrenal gland is normal in size (0.49 cm at cranial pole) (0.39 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DVM,
 Diplomate ACVIM
 (Small Animal Internal
 Medicine)

The right adrenal gland is normal in size (0.75 cm at cranial pole) (0.50 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Dr Mora

Spleen

The spleen is normal in size (1.63 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

AEH Deland

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion.

REFERRING VET

Dr Mora

The gallbladder lumen is moderately distended. The wall is thin and smooth. A small amount of aggregated, echogenic, mostly gravity-dependent debris/sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

INVOICE

22320

Gastrointestinal

DATE

11-28-25

The lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.



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Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

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Lymph Nodes

The abdominal lymph nodes are normal/not visible.

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Chihuahua Mix

Free Abdomen

Trace retroperitoneal fluid is observed.

SEX

Neutered Male

- The sonographic renal changes are minimal/minor. Therefore, it is unclear whether this is an acute-on-chronic renal presentation, or an acute kidney injury. Trace retroperitoneal fluid is observed adjacent to the left kidney.

AGE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

7.5 kg

- Urinalysis with culture and sensitivity
- UPC if proteinuria is present in the absence of infection
- Leptospirosis testing (i.e., blood and urine PCR, serology)
- A resting cortisol level to screen for hypoadrenocorticism. If resting cortisol level is < 2.0 mcg/dL, an ACTH stimulation test is recommended.
- Baseline blood pressure measurement
- Three-view thoracic radiographs are recommended to assess cardiopulmonary status.
- Aggressive IV fluid therapy and supportive care are recommended while awaiting test results.
- Close monitoring of the patient's renal values is recommended to assess progression of the azotemia.

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REFERRING VET

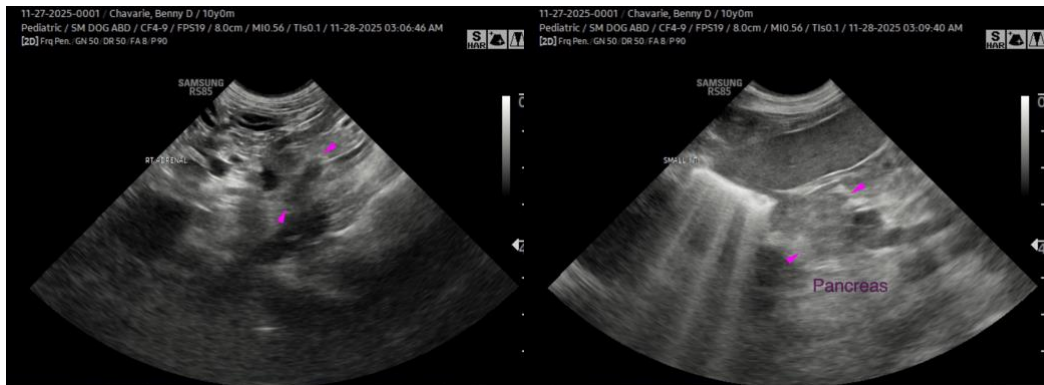
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Chihuahua Mix

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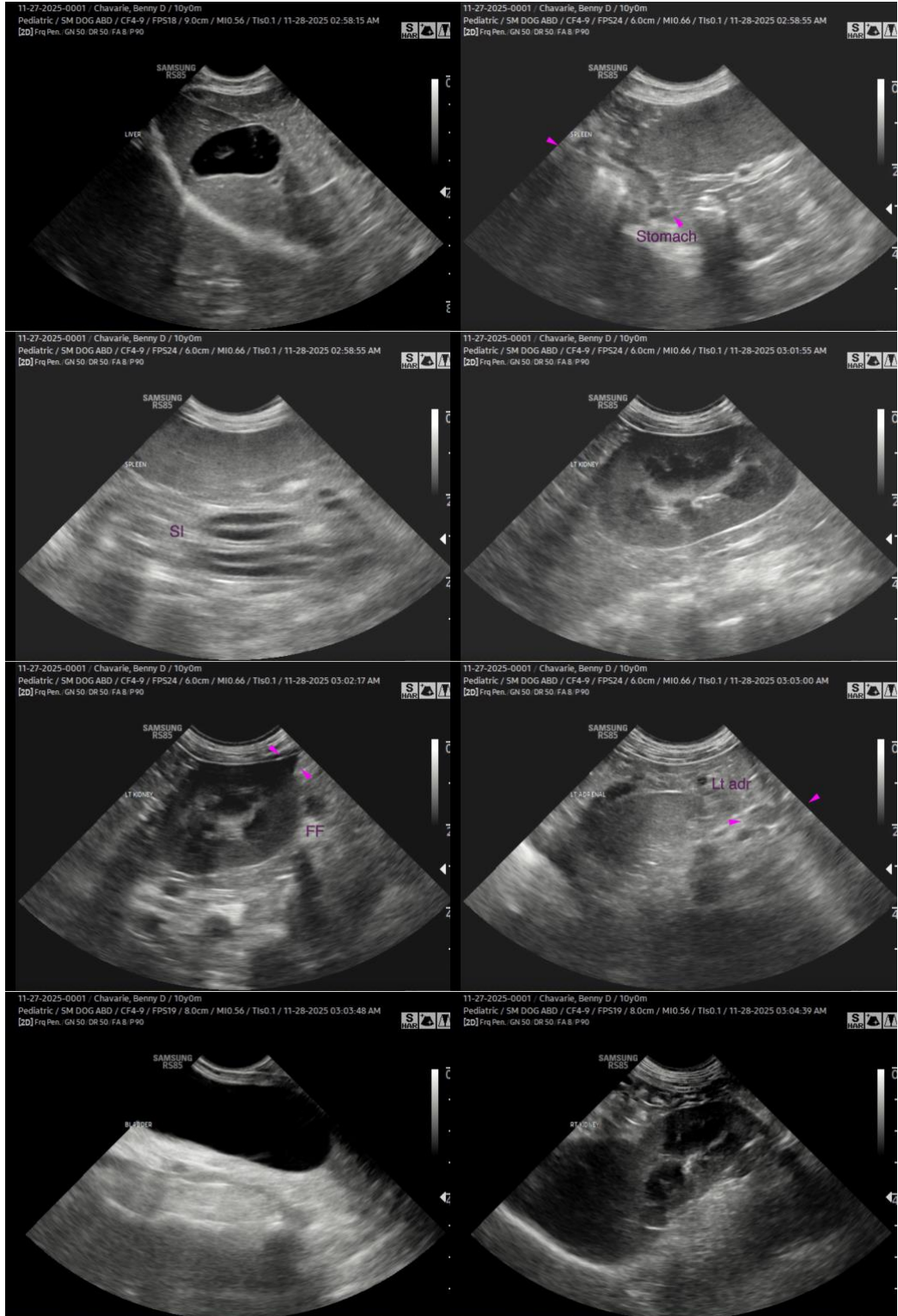
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Chihuahua Mix

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
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