



## PATIENT PRESENTING CLINICAL SIGNS

**Chaos McAffrey** History: Pet presented 11/7/25 for eval of acute onset appetite loss, vomiting, diarrhea. Owner reports no clinical signs prior to 11/6. See bloodwork/rad findings below.

## SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Exam - wnl - Hct 42.5% - WBC 10.84k - PMNs 120 --Lymphocytes 9200 --Monocytes 1470 --Eosinophils 50 Chem - Ca 7.4 L - Alb 1.5 L - ALP 17 --Chol 107 --Glob 2.4 Pending - UA w/UP:C, 4dx, recheck labs, ACTH stim test.

## BREED

Border Collie Mix

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder is moderately distended. The wall is normal in thickness with a smooth mucosal surface. Luminal contents are anechoic. No cystic calculi are observed.

## SEX

Female Spayed

The left kidney is normal in size (5.87 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.

## AGE

8

The right kidney is normal in size (5.72 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

## WEIGHT

41.4 lbs

### Adrenal Glands

The caudal pole of the left adrenal gland is visualized and is normal-in-size (0.64 cm in width) with a normal shape, glandular echogenicity and detail. Surrounding vasculature appears normal.

## INTERPRETED BY

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

The region of the right adrenal gland is evaluated. No obvious pathology is observed in this region.

## IMAGING PERFORMED BY

Christina Wagner

### Spleen

The spleen is normal in size (1.28 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.

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### 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

Christina Wagner

The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.

### Gastrointestinal

The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. The colonic lumen contains granular-appearing fecal material. There is no obvious evidence of an obstructive pattern.

## INVOICE

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## DATE

11-12-25

### 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.



**PATIENT**

**Lymph Nodes**

A few prominent mesenteric lymph nodes are visualized (one measuring 2.05 x 0.91 cm).

Chaos McAffrey

**SPECIES**

**Free Abdomen**

There is no obvious evidence of free fluid.

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

Border Collie Mix

**SEX**

\*An obvious cause for the patient's clinical signs and hypoalbuminemia is not identified in this study. Broad considerations include a protein-losing enteropathy, hepatic disease, hypoadrenocorticism, protein-losing nephropathy (less likely), other.

Female Spayed

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

8

- A fecal evaluation for ova and Giardia is recommended, along with prophylactic deworming with fenbendazole.

**WEIGHT**

41.4 lbs

- A GI panel including serum cobalamin and folate, TLI and PLI is also recommended.
- Also consider pre- and postprandial serum bile acids to assess for occult hepatic dysfunction.

**INTERPRETED BY**

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(Small Animal Internal  
Medicine)

- Depending on the results of the above diagnostics, as well as the pending urinalysis, UPC, and ACTH stimulation test results, further work-up (i.e., GI biopsies) may be indicated. In the meantime, symptomatic care is recommended.

**IMAGING PERFORMED BY**

Christina Wagner

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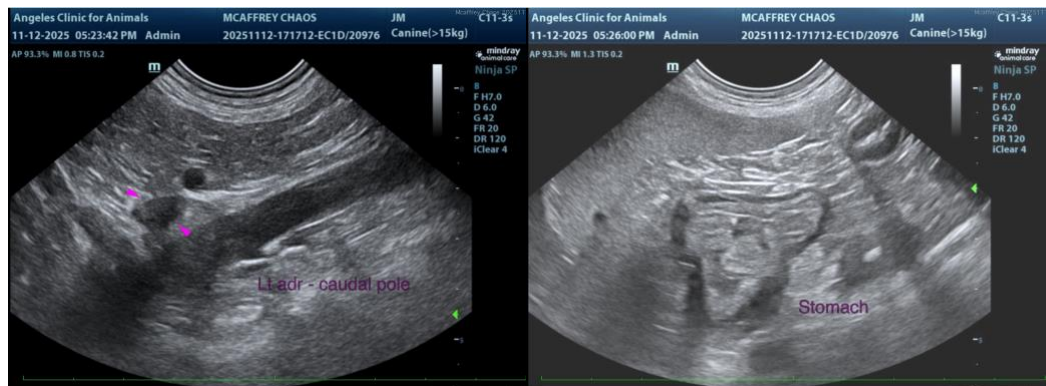
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**PATIENT**

Chaos McAffrey

**SPECIES**

Canine

**BREED**

Border Collie Mix

**SEX**

Female Spayed

**AGE**

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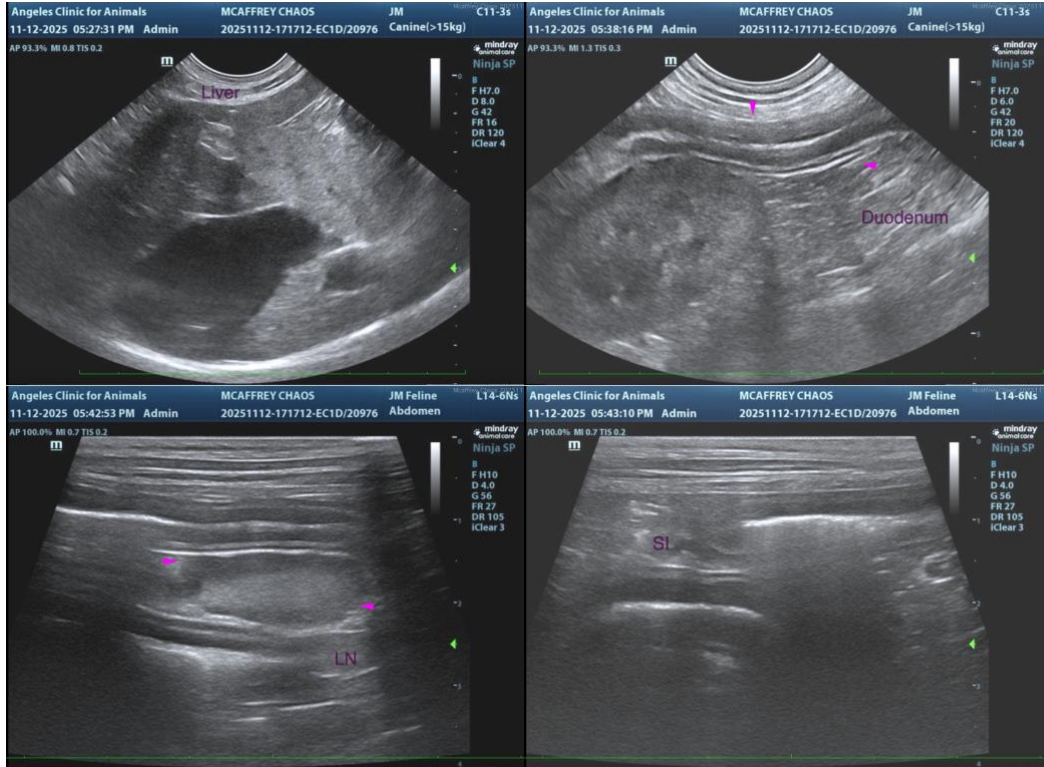
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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