



PATIENT

PRESENTING CLINICAL SIGNS

Stella Menella

History: ate at least one known dog toy, vomited it up whole. Vomiting now for 48 hours; rad show suspicious plicated area.

SPECIES

Abnormal PE/Chem/CBC/UA Results: CPL normal

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Great Dane

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

SEX

Intact Female

AGE

8 mos

The left kidney presented normal size (9.34 cm in length); normal shape and architecture with 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

90.6 lbs

The right kidney presented normal size (9.54 cm in length); normal shape and architecture with 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.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.45 cm at cranial pole) (0.42 cm at caudal pole) (2.10 cm in length); normal shape; 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

Diane McFadden

The right adrenal gland is normal size (2.04 cm at cranial pole) (0.50 cm at caudal pole) (3.15 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

North Warren AH

Spleen

The spleen is normal in size (1.93 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.

REFERRING VET

Dr. Corrado

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. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava ratio is approximately 1: 1.

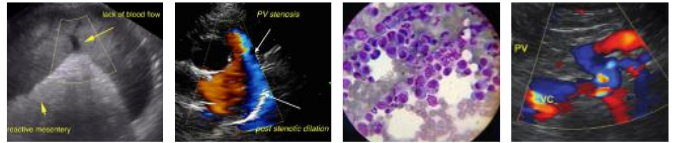
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The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are

DATE

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PATIENT mostly anechoic. The cystic and common bile ducts are normal.

Stella Menella

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is minimally distended with food and chyme. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The proximal duodenum is slightly fluid distended. The remaining small intestinal tract 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. No obstructive or overt infiltrative disease is noted.

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Pancreas

The left limb is visible with normal curvilinear peripheral contours. The parenchyma is slightly hypoechoic relative to surrounding omental fat. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated. There is no evidence of peripancreatic effusion.

SEX

Intact Female

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. Several prominent mesenteric lymph nodes are visualized, the largest measuring 3.90 cm in length.

AGE

8 mos

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The mesenteric lymphadenopathy could be consistent with immunologic immaturity and/or reactive change.
- The pancreatic changes may be a normal variant for this patient or could be consistent with mild, chronic pancreatitis. Correlation with clinical findings is recommended.

**There is no obvious evidence of a gastrointestinal foreign body/obstruction.

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ACVIM (*Small Animal
Internal Medicine*)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Supportive care for acute gastroenteritis is recommended. If the patient's clinical signs do not improve within 24-72 hours of medical management, a more advanced GI workup may be warranted.
- Also consider three-view thoracic radiographs to assess for occult aspiration pneumonia and esophageal disease.

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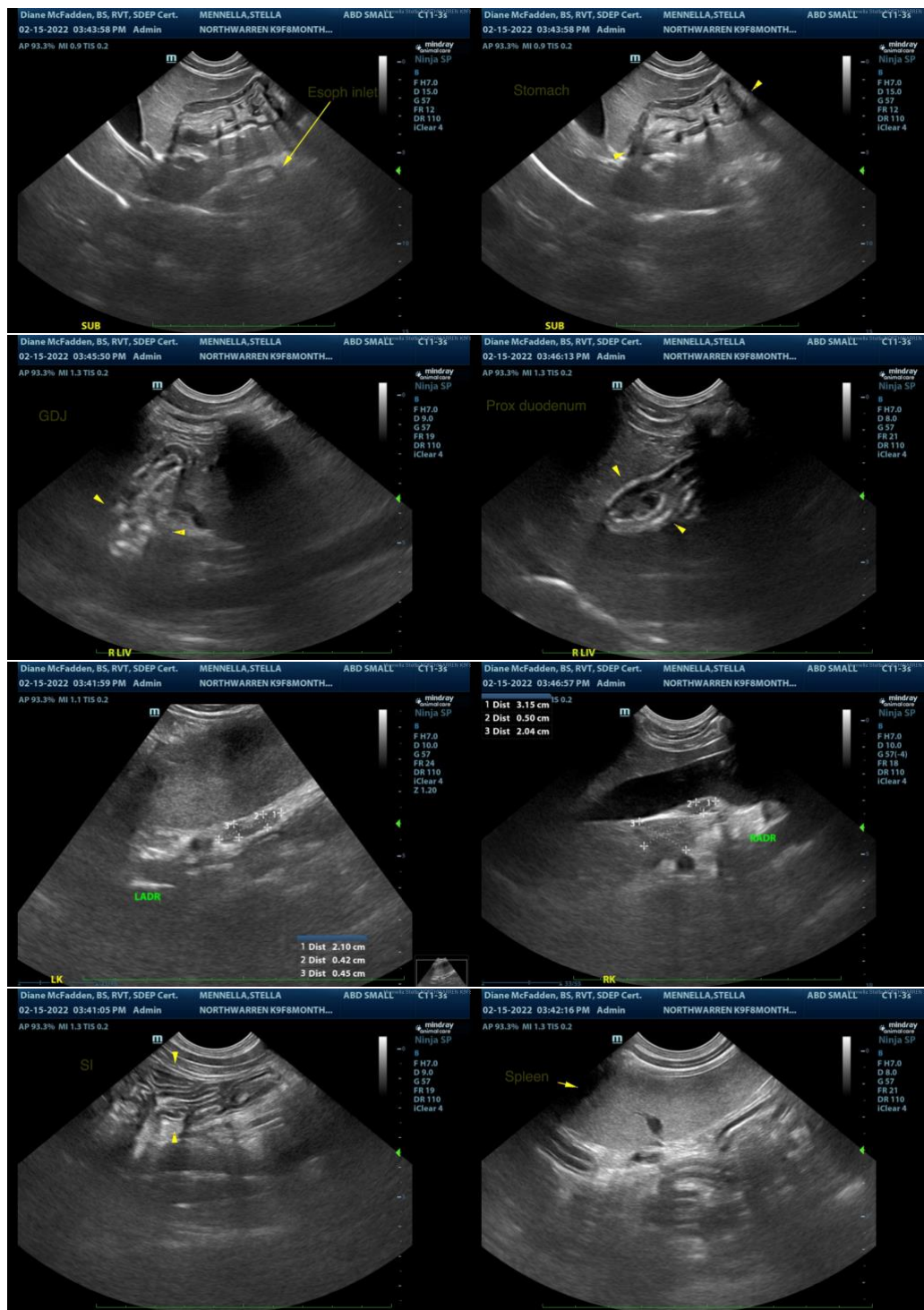
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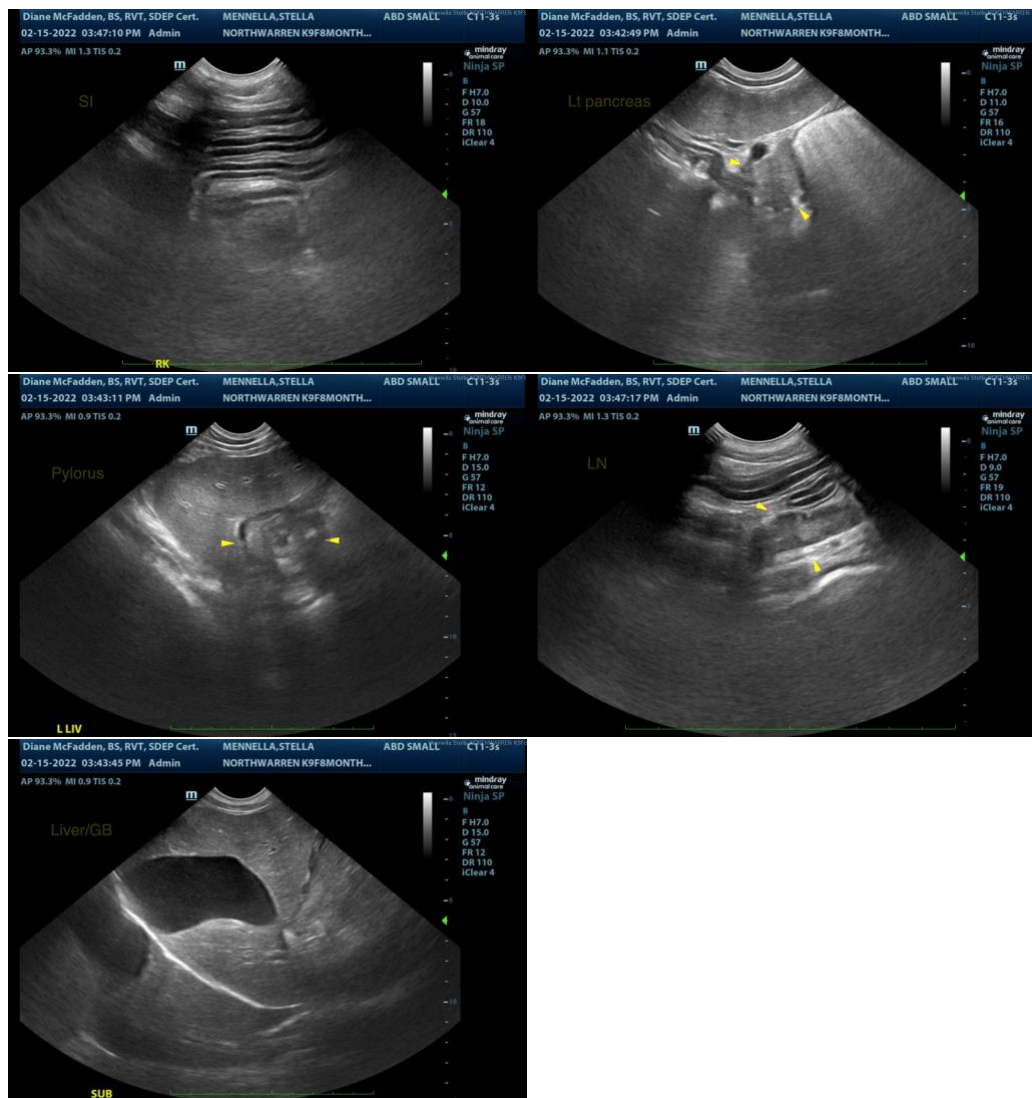
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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