



PATIENT

Thunder Hanson

SPECIES

Canine

BREED

Great Dane

SEX

MI

AGE

6mo

WEIGHT

106lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

dr dann shemanski

HOSPITAL NAME

Western New York
Veterinary Services

REFERRING VET

Dr. Dan Yanik

INVOICE 23262

DATE 12/16/2025

PRESENTING CLINICAL SIGNS

History Thunder is a 6-month-old Great Dane presenting for an abdominal ultrasound. The owner reports that Thunder has had soft stool and diarrhea since early November. He is currently on Hill's i/d diet, Albon, and metronidazole. Previous radiographs were unremarkable. A GI panel has been sent to Texas A&M, and results are pending. The referring veterinarian's differentials include IBD, food allergy, or an immune problem. The owner notes that Thunder is a very "busy" dog and likes to sample and eat many things. He chews things off his toys and has ingested parts of a bone and cow hooves. He also chews on mulch and wood and has been seen with stones in his mouth. Recently, a lens from a pair of reading glasses went missing, and it is possible he ingested it. Despite the diarrhea, he is gaining weight (current weight 106 lbs), is not vomiting, and acts fine with a high energy level. He does seem to strain to defecate at times. The stool consistency varies from solid to soft. The owner reports the diarrhea started after he received a canine influenza vaccine and booster. He was also on goat's milk and probiotics as a puppy.

Abnormal PE/Chem/CBC/UA Results: GI panel pending neg fecal test including giardia Currently on albon, metronidazole and fortaflora

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible, which is normal. No evidence of inflammatory or neoplastic changes was noted.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 9.4 cm in length. The right kidney measured 9.0 cm in length.

The area of the aortic trifurcation was free of pathology.

The prostate was of expected size and presentation for a young intact male canine without overt pathology.

Adrenal Glands

The left adrenal gland was possible borderline subnormal in size with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.50 cm width at the caudal pole. The right adrenal gland was not definitively visualized, no overt pathology in the area of the right adrenal gland.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/Gallbladder



PATIENT

Thunder Hanson

SPECIES

Canine

BREED

Great Dane

SEX

MI

AGE

6mo

WEIGHT

106lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

dr dann shemanski

HOSPITAL NAME

Western New York
Veterinary Services

REFERRING VET

Dr. Dan Yanik

INVOICE 23262

DATE

12/16/2025

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Mild duodenal and focal jejunal hyperechoic mucosal speckling was present. The lumen of the small intestine was primarily empty with mild duodenal and segmental jejunal non-shadowing chyme.

Normal visible colon wall layers were present with semi formed feces in lumen.

Pancreas

The area of the pancreas was sonographically normal.

Free Abdomen

No evidence of peritoneal effusion was present.

Intermittent mildly prominent to enlarged mesenteric lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).

ULTRASONOGRAPHIC FINDINGS

Primary

- Overall, structurally unremarkable gastrointestinal tract with non-specific mild duodenal and focal jejunal hyperechoic mucosal speckling.
- Semi-formed fecal matter in colon.
- Empty stomach.
- Normal area of pancreas.
- Subjective borderline subnormal left adrenal gland.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dietary intolerance / food hypersensitivity, emerging to non-structural inflammatory bowel, occult parasitism, occult Addison's disease or infectious disease, all potentials. Correlation with pending GI panel is recommended. Concurrent screening cortisol level for occult Addison's disease is suggested.

Empirically, a limited antigen or hydrolyzed diet trial with potential long term dietary therapy, prophylactic deworming (Panacur 50 mg/kg SID x 5 consecutive days with repeat protocol in 3 weeks even if fecal testing is negative), high colony count probiotic (Provable), cobalamin supplementation pending assessment of cobalamin level with as needed gastroprotectants may prove beneficial.



PATIENT

Thunder Hanson

SPECIES

Canine

BREED

Great Dane

SEX

MI

AGE

6mo

WEIGHT

106lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

dr danni shemanski

HOSPITAL NAME

Western New York
Veterinary Services

REFERRING VET

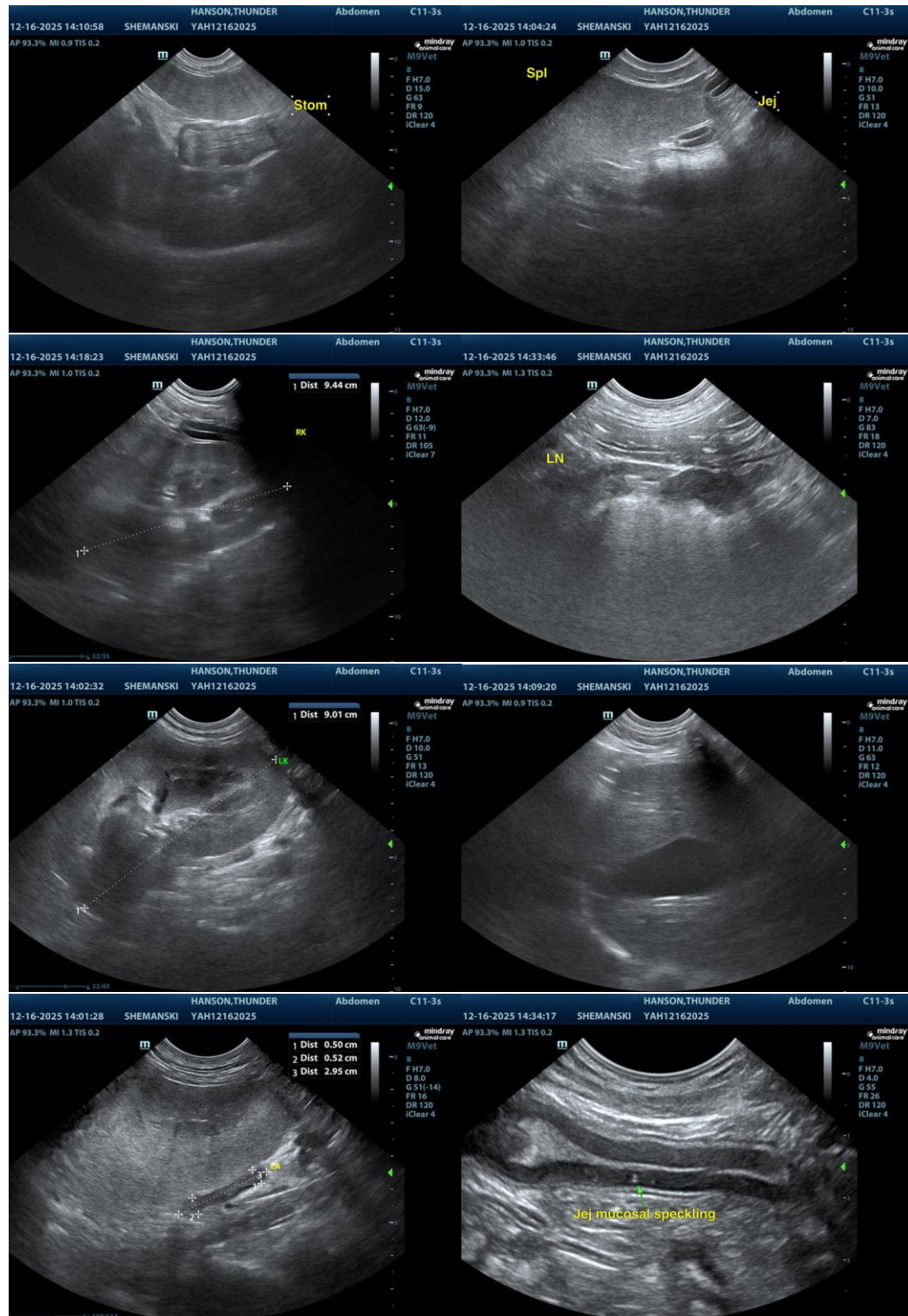
Dr. Dan Yanik

INVOICE

23262

DATE

12/16/2025





PATIENT

Thunder Hanson

SPECIES

Canine

BREED

Great Dane

SEX

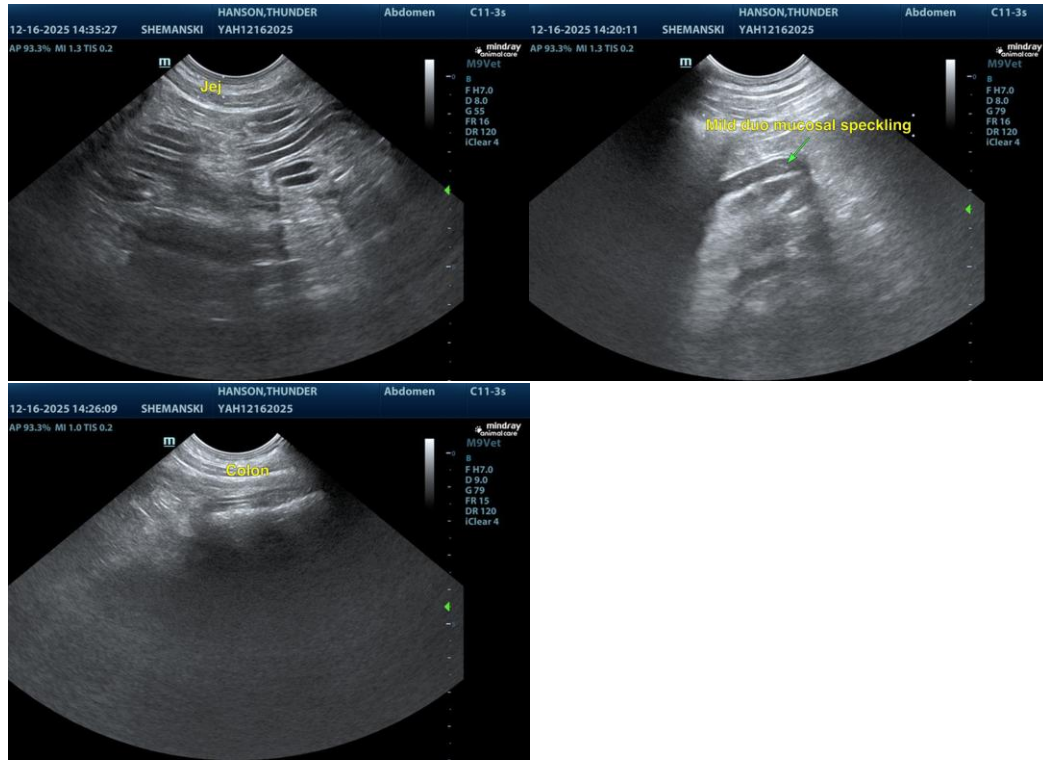
MI

AGE

6mo

WEIGHT

106lb



INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

dr dann shemanski

HOSPITAL NAME

Western New York
Veterinary Services

REFERRING VET

Dr. Dan Yanik

INVOICE
23262

DATE
12/16/2025

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com