



PATIENT

Schnapps Graetz

PRESENTING CLINICAL SIGNS

History: Intermittent diarrhea, no improvement on bland diet.
Abnormal PE/Chem/CBC/UA Results: Unremarkable

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Weimaraner

The urinary bladder is mildly distended. The wall is of appropriate thickness for the level of repletion. The mucosa surface is slightly irregular. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

SEX

Male, intact

The prostate is enlarged (6.94 cm in width) with a slightly irregular shape. The parenchyma is heterogeneous in appearance with ill-defined cystic areas, the largest measuring 2.84 x 1.86 cm. The prostatic urethra is not overtly dilated.

AGE

11 Yrs.

The left kidney is normal size (7.71 cm in length); normal shape and architecture with 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.

WEIGHT

117 lbs.

The right kidney is normal size (8.06 cm in length); normal shape and architecture with 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. Renal vasculature is normal.

Adrenal Glands

INTERPRETED BY

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

The left adrenal gland is normal size (0.61 cm at cranial pole) (0.68 cm at caudal pole) (2.63 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.

The right adrenal gland is normal size (1.19 cm at cranial pole) (0.63 cm at caudal pole) (3.43 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

Shari Reffi CVT

Spleen

HOSPITAL NAME

AH of Sussex Co

The spleen is subjectively normal in size (2.94 cm in width at the level of the hilus) with a slightly irregular contour at the caudal pole. The parenchyma is subtly mottled in appearance with at least 2 small hypoechoic nodules, one measuring 1.65 x 1.30 cm, the other measuring 0.65 x 0.56 cm. Splenic vasculature is normal with no evidence of thrombosis.

REFERRING VET

Dr. Catania

Liver

INVOICE

12316

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 gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of mostly gravity-dependent echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

DATE

10/11/21



PATIENT

Gastrointestinal

Schnapps Graetz

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. 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 thickness is normal with a normal layering pattern and appropriate mural detail. At the level of the ileocecal junction a 3.37 x 2.95 cm irregular hypoechoic mass effect is observed. Within this region, the wall is thickened (up to 1.29 cm) with loss of the normal layering pattern. The remaining colonic wall is normal in thickness with a normal layering pattern and appropriate mural detail. No obstructive disease is noted.

SPECIES

Canine

BREED

Weimaraner

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.

SEX

Male, intact

Free Abdomen

A small amount of anechoic free fluid is observed. The mesentery surrounding the ileocecal colic junction is hyperechoic. A 2.27 cm left medial iliac lymph node is visualized.

AGE

11 Yrs.

Other

WEIGHT

117 lbs.

- A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.
- The left testicle appears subjectively normal in size (3.25 x 1.52 cm) with a normal shape and homogeneous parenchyma. No focal lesions are observed.
- The right testicle is subjectively enlarged (4.17 x 1.85 cm) with a slightly irregular shape and a heterogeneous appearance. A 2.29 x 1.65 cm irregular hyperechoic to heterogeneous nodule/mass is observed within the parenchyma.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Mass effect at the ileocecal colic junction. Neoplasia (i.e., round cell tumor, adenocarcinoma) is suspected with a lower possibility of a severe inflammatory process. Regional peritonitis is present.
- Right testicular nodule/mass. Neoplasia (i.e., Sertoli cell tumor, interstitial cell tumor, seminoma) is considered likely with a lower possibility of benign pathology.

Secondary Findings:

- The prostate changes are most consistent with benign prostatic hyperplasia with parenchymal cysts.
- Minor bilateral age-related renal pathology.
- The splenic parenchyma changes are most consistent with a benign process such as lymphoid hyperplasia, extramedullary hematopoiesis or splenitis with a low possibility of infiltrative neoplasia (i.e., lymphoma, mast cell neoplasia).

**IMAGING
PERFORMED BY**

Shari Reffi CVT

HOSPITAL NAME

AH of Sussex Co

REFERRING VET

Dr. Catania

INVOICE

12316

DATE

10/11/21



PATIENT

Schnapps Graetz

SPECIES

Canine

BREED

Weimaraner

SEX

Male, intact

AGE

11 Yrs.

WEIGHT

117 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

AH of Sussex Co

REFERRING VET

Dr. Catania

INVOICE

12316

DATE

10/11/21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- If accessible, a fine needle aspirate of the mass effect at the ileocecal junction +/- a splenic aspirate are recommended (if clotting status is appropriate). A 25 gauge needle should be used. If cytologies are inconclusive, consider surgical biopsies. Castration with submission of the testicles is also recommended.
- Given the chronic diarrhea, a malabsorption panel including serum cobalamin, folate, TLI and PLI is also recommended.





PATIENT

Schnapps Graetz

SPECIES

Canine

BREED

Weimaraner

SEX

Male, intact

AGE

11 Yrs.

WEIGHT

117 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

AH of Sussex Co

REFERRING VET

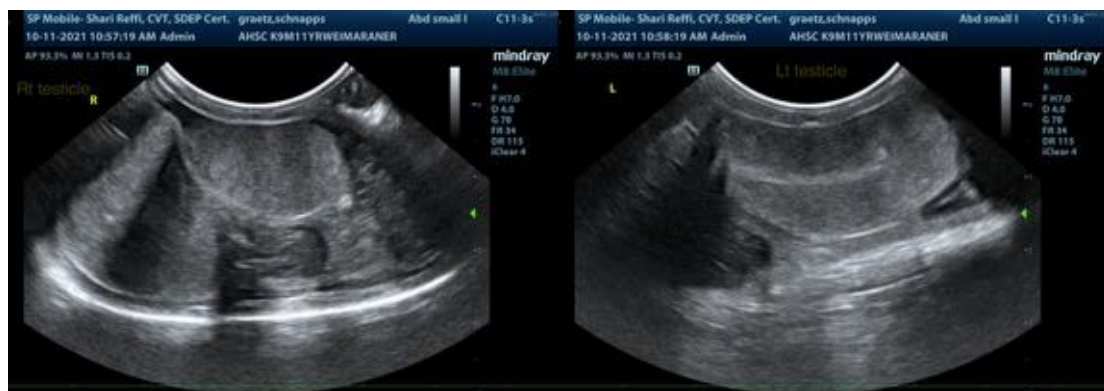
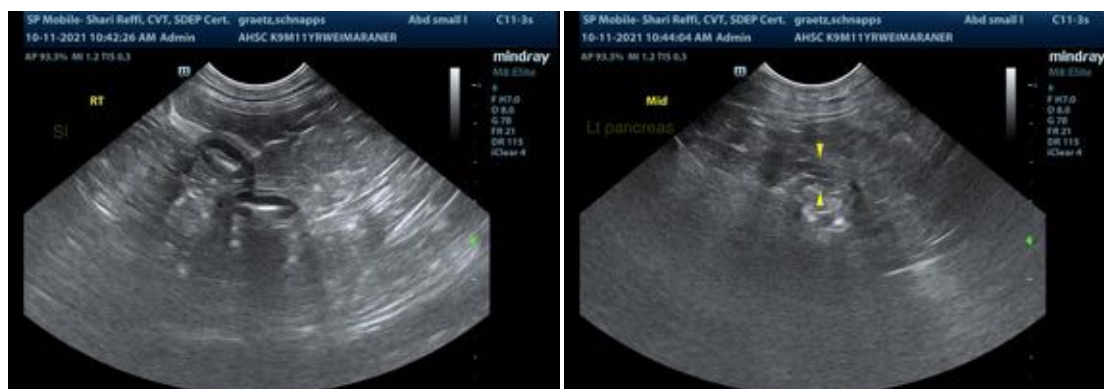
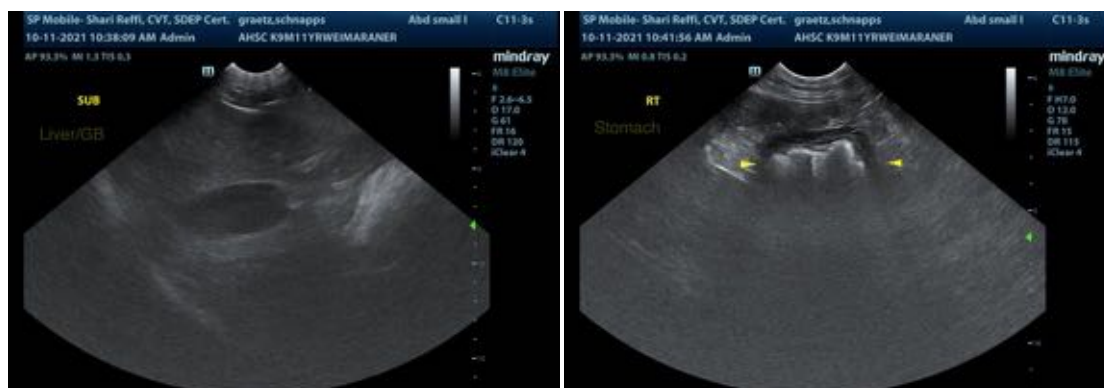
Dr. Catania

INVOICE

12316

DATE

10/11/21





PATIENT

Schnapps Graetz

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.

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

Weimaraner

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

Andrea.nicastro@sonopath.com

SEX

Male, intact

AGE

11 Yrs.

WEIGHT

117 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Shari Reffi CVT

HOSPITAL NAME

AH of Sussex Co

REFERRING VET

Dr. Catania

INVOICE

12316

DATE

10/11/21