



PATIENT

Puppy Tedesco

PRESENTING CLINICAL SIGNS

Hematuria, mucoid diarrhea.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pit Bull

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

SEX

Female

The left kidney has a normal shape and size (5.2 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

8 weeks

The right kidney has a normal shape and size (4.86 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

9.7 lbs

Adrenal Glands

INTERPRETED BY

Kathleen Sennello
DVM, MS, Diplomate
ACVIM (Small Animal
Internal Medicine)

The region of left adrenal (Cranial to left renal artery) is unremarkable but the adrenal is not distinctly visualized. No evidence of a mass effect.

The region of the right adrenal (between right cranial kidney and vena cava) is unremarkable, but the adrenal is not distinctly visualized. No evidence of a mass effect.

IMAGING PERFORMED BY

Jenn

Spleen

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

HOSPITAL NAME

Rockaway AH

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed. The gallbladder lumen is moderately distended. The wall of the gallbladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

REFERRING VET

Dr. Maniar

INVOICE

96064

DATE

2/15/22



PATIENT

Gastrointestinal

Puppy Tedesco

The stomach is moderately dilated with fluid and irregular shadowing material most consistent with normal ingesta and gas. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layering is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

SPECIES

Canine

The visualized areas of duodenum, jejunum and ileum visualized appear moderately fluid distended with relatively normal wall thickness and intact wall layering. The duodenum measured as normal (0.25 cm) and the jejunum measured as normal (0.21 cm). Visualized peristalsis appears appropriate to decreased. There were no focal lesions consistent with obstruction or a mass effect observed.

BREED

Pit Bull

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Most of the areas of colon visualized are dilated and fluid filled. There is no observed focal or generalized colon wall thickening or loss of layering.

SEX

Female

Pancreas

AGE

8 weeks

The region of the pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

WEIGHT

9.7 lbs

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

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Internal Medicine)

Heart

There is a small volume of anechoic free fluid. No lymphadenomegaly is noted and the omentum is of slightly increased echogenicity.

IMAGING PERFORMED BY

Jenn

ULTRASONOGRAPHIC FINDINGS

HOSPITAL NAME

Rockaway AH

PRIMARY FINDINGS:

- Moderate/severe gastric dilation with ingesta and shadowing material. Correlate this with feeding history as this could be normal for a puppy that just ate a large meal, but if there has been vomiting or adequate fasting then this could be concerning for foreign material.
- Diffuse fluid distension of the small and large intestine. The findings are most consistent with diffuse enteritis, but foreign material cannot be excluded as a possibility. Correlate with abdominal radiographs.
- Small volume of free abdominal fluid. Consider sampling and cytology if there is any concern for peritonitis.

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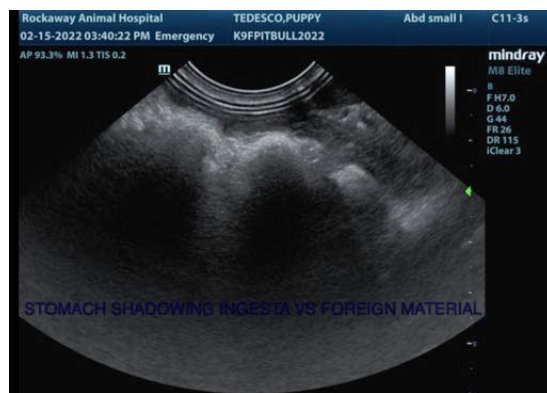
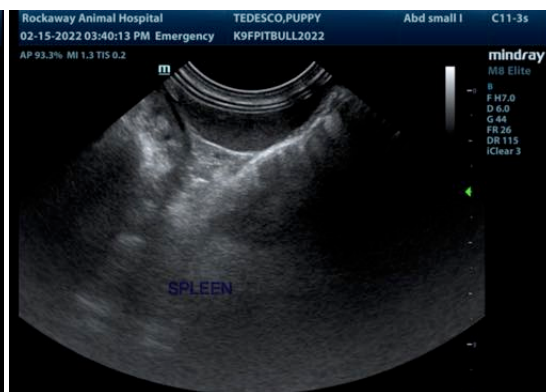
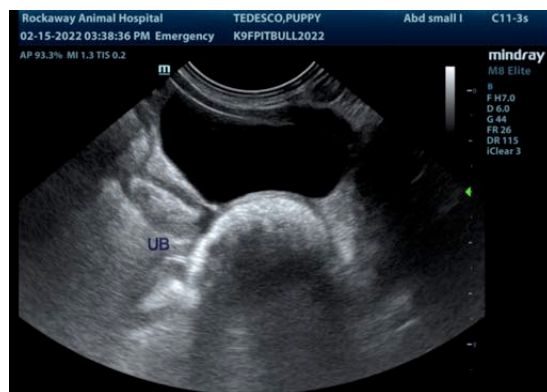
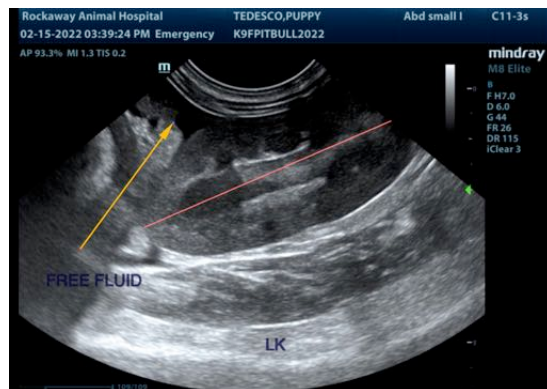
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I suspect this is a case of severe enteritis (parasitic, viral, etc.), but I cannot exclude the possibility of ingested foreign material. Correlate with abdominal radiographs. Evaluation for metabolic issues, Parvo testing, etc. is recommended. If symptoms do not improve and dilation of the bowel persists then serial imaging would be recommended +/- exploratory.





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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.

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