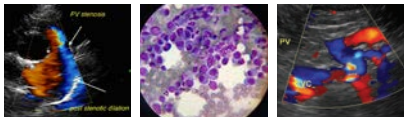
IMAGING PERFORMED BY

IntraPet.com



SonoPath
Clinical Sonography & Telecytology
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DATE

6/8/22

PATIENT

Scout Campbell

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact Male

AGE

2/11/22

WEIGHT

23 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Andi Parkinson RDMS

HOSPITAL NAME

Northwind AH

REFERRING VET

Dr. Russ

INVOICE

38452

PRESENTING CLINICAL SIGNS

Lethargy, Anorexia.

Current Medications: Panacur, Metronidazole, EN.
Lab Results: Low protein.
Radiographs: Large amount of ileus and possible plication.
Date of Previous IntraPet Ultrasound: No previous.
Sedation: Not required to complete full diagnostic ultrasound.
Stat Report: Requested by DVM.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The visualized areas of prostate and surrounding tissue appear normal. Unfortunately, the prostate is not fully visualized likely due to its intrapelvic location. Correlate with rectal exam findings.

The left kidney has a normal shape and size (6.19 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.

The right kidney has a normal shape and size (5.83 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.

Adrenal Glands

The left adrenal gland is normal in size measuring 0.50 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

The right adrenal gland is normal in size measuring 0.41 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

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.

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 gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

The stomach is mildly 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.

Many of the visualized areas of duodenum, jejunum and ileum have a uniform diameter, some with moderate to severe fluid distension. Wall thickness appears relatively normal. There is a large area of double walled small intestine, most consistent with an intussusception. Bowel orad to this lesion appears fluid dilated with an obstructive pattern, and there is a large amount of surrounding hyperechoic mesentery.

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

Pancreas

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.

Free Abdomen

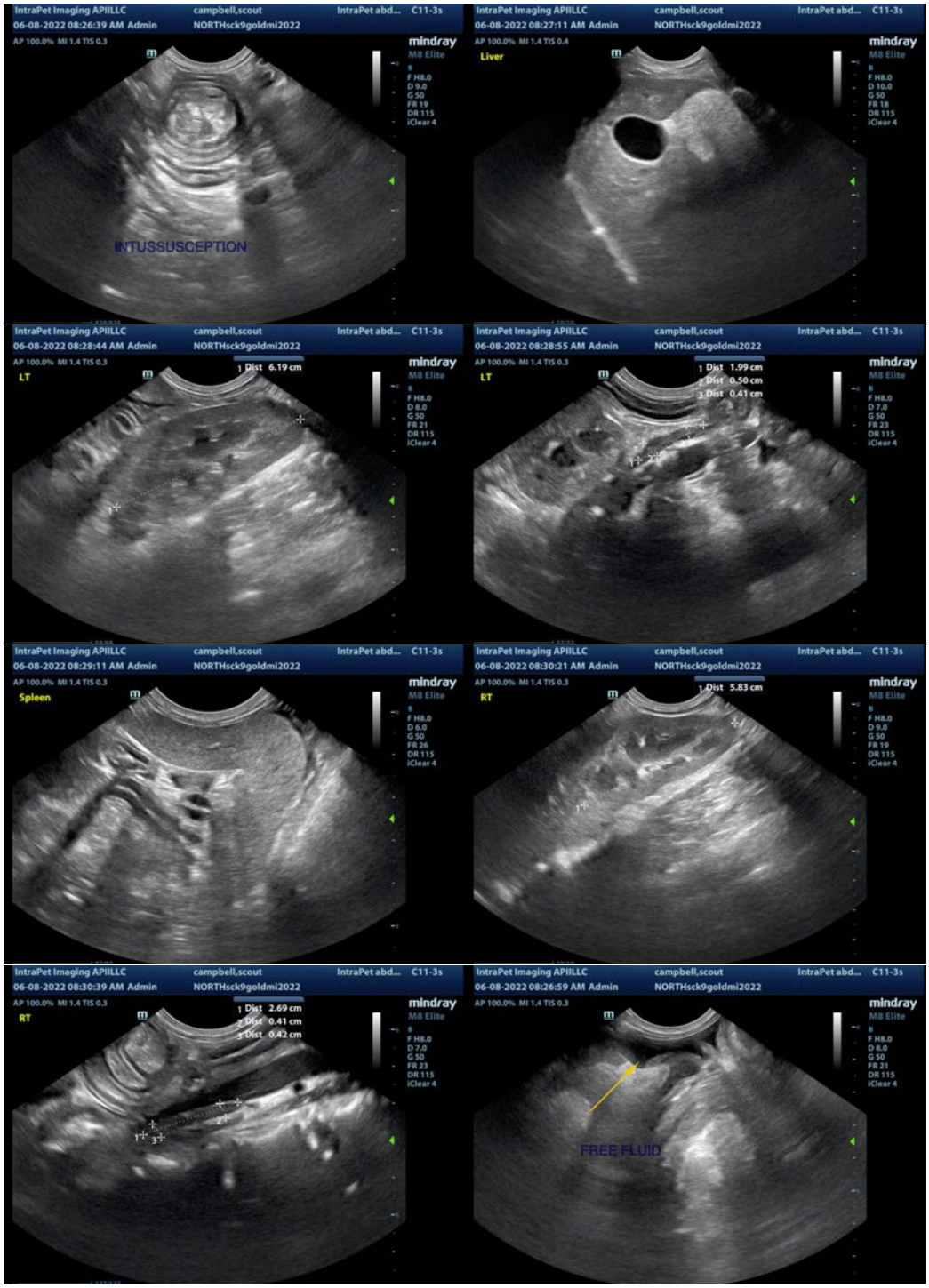
There is a small amount of free abdominal fluid. There is a mild lymphadenopathy present with mesenteric lymph nodes visualized measuring 0.85 cm and 0.79 cm in diameter. The omentum in the abdomen, particularly around the abnormal section of bowel appears hyperechoic.

ULTRASONOGRAPHIC FINDINGS

- Small intestinal intussusception with obstructive pattern.
- Free abdominal fluid and hyperechoic omentum – most consistent with mild peritonitis (inflammatory versus septic).
- Mild mesenteric lymphadenopathy – likely an incidental finding in a puppy with abdominal inflammation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is a prominent section of small intestine that appears double walled and most consistent with an intussusception. Additionally, there is a large amount of severely fluid dilated bowel, consistent with an obstructive pattern, and there is evidence of free fluid and focal peritonitis (likely inflammatory). Recommend surgical evaluation of the abdomen to further evaluate the suspected intussusception present.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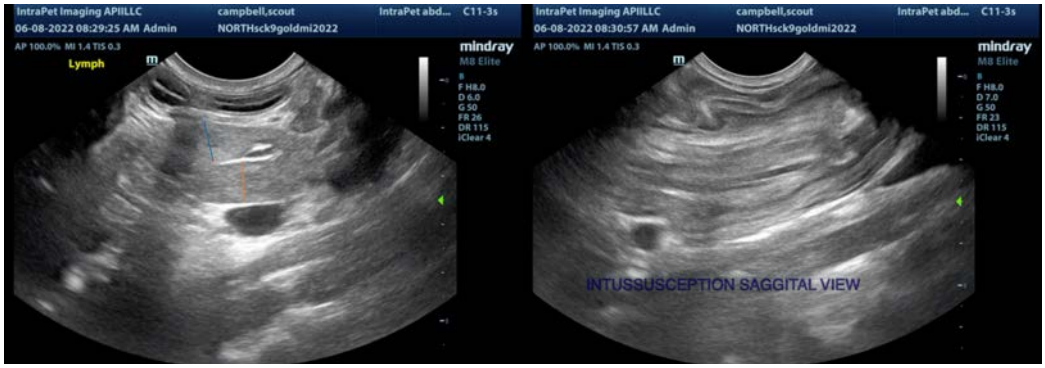
FREE FLUID



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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