



PATIENT PRESENTING CLINICAL SIGNS

Lucy Hanley Hx c and anorexic x 3d. BW and radiographs 2d ago unremarkable. Unresponsive to suprotie care (SQ fluids, cerenia). Recent wt loss- thin BCS

SPECIES *Urinary System*

Canine The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

BREED

Bermese Mtn Dog

The area of the aortic trifurcation was free of pathology.

SEX

FS

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. Small cortical cyst was present in the left kidney. A moderately sized cyst occupying the majority of the cranial pole of the right kidney was present. No evidence of pelvic dilation was present. The left kidney measured 6.6 cm in length. The right kidney measured 6.0 cm in length. The cyst in the cranial right kidney measured 3.1 cm in length.

AGE

8.5 years

WEIGHT

75 lbs.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.73 cm width at the caudal pole and 0.62 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.70 cm width at the caudal pole and 0.79 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

The spleen was normal in size and contour with mild splenic folding yet primarily maintained a finely textured homogeneous parenchyma. A solitary non-expansive, hypoechoic nodule was present in the subjective cranial lateral spleen, measuring 0.9 cm in diameter.

HOSPITAL NAME

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Liver/ Gallbladder

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. 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.

REFERRING VET

Dr. Vannini

Gastrointestinal

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The stomach presented intact yet subjective prominent wall layering primarily in the area of the pylorus. The stomach contained a moderate amount of strongly shadowing ingesta with ovoid appearing shadowing echo present in the pylorus lumen measuring approximately 1.5-2.0 cm in diameter.

DATE

12/29/21



PATIENT

Lucy Hanley

The small intestine presented intact wall layering and primarily maintained a 1:3 muscularis/mucosa ratio. Generalized duodenal retained fluid extending caudally with segmental jejunal plication with a concurrent luminal linear foreign body was present. Additional areas of echogenic to strongly shadowing jejunal luminal echoes were present along with an intussusception adjacent to an area of jejunal plication containing a linear echo.

SPECIES

Canine

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

BREED

Bermese Mtn Dog

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

SEX

FS

Free Abdomen

Small pockets of scant peri intestinal free fluid were present.

AGE

8.5 years

Intermittent mesenteric 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). An example lymph node measured 0.69 cm width. Subtle evidence of peri Intestinal omental reactivity was present.

WEIGHT

75 lbs.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Strongly shadowing gastric ingesta with pyloric shadowing echo, secondary gastritis
- Segmental plicated small Intestine with linear foreign body and concurrent intussusception, secondary segmental obstructive small Intestinal pattern
- Associated subjectively benign / reactive mesenteric lymphadenopathy
- Scant peri intestinal free fluid and reactive mesentery

Secondary Findings

- Nonspecific, non-expansive splenic nodule - focal hematopoiesis, lymphoid hyperplasia suspected, potential for emerging neoplastic criteria is considered unlikely
- Mild age-related kidneys with small left kidney and moderately sized right kidney cyst

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This study is consistent with gastric and segmental small intestinal foreign material including a linear foreign body with secondary small intestinal plication and concurrent intussusception. Potential for peri intestinal free fluid owing to inflammation or possible emerging peritonitis is possible. No overt signs of gastrointestinal neoplastic criteria were noted. Laparotomy with expectation toward gastrotomy and multiple enterotomies are indicated. Strong possibility for potential resection anastomosis should be considered, yet based on gross inspection of the intestinal tract at the time of surgery.

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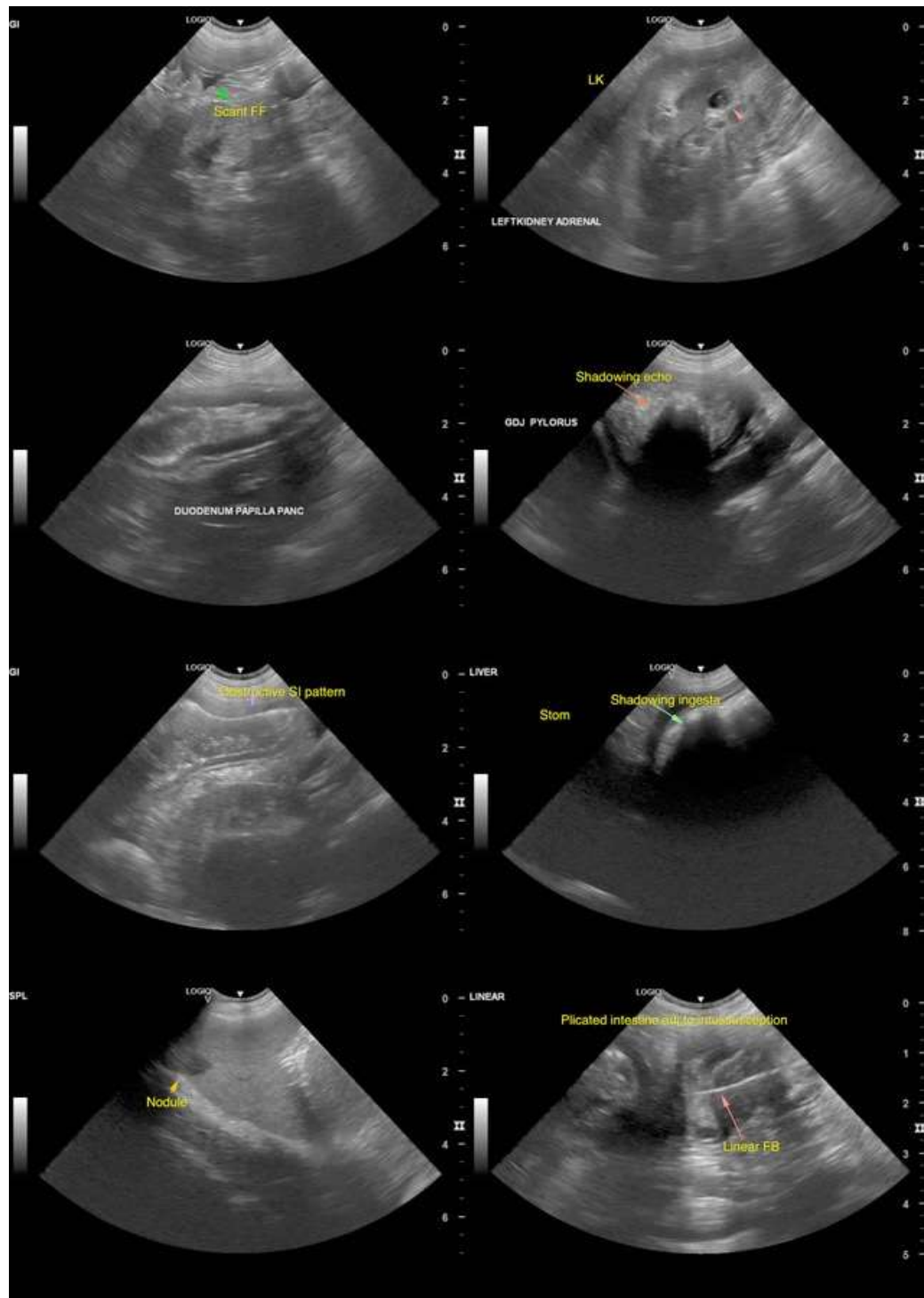
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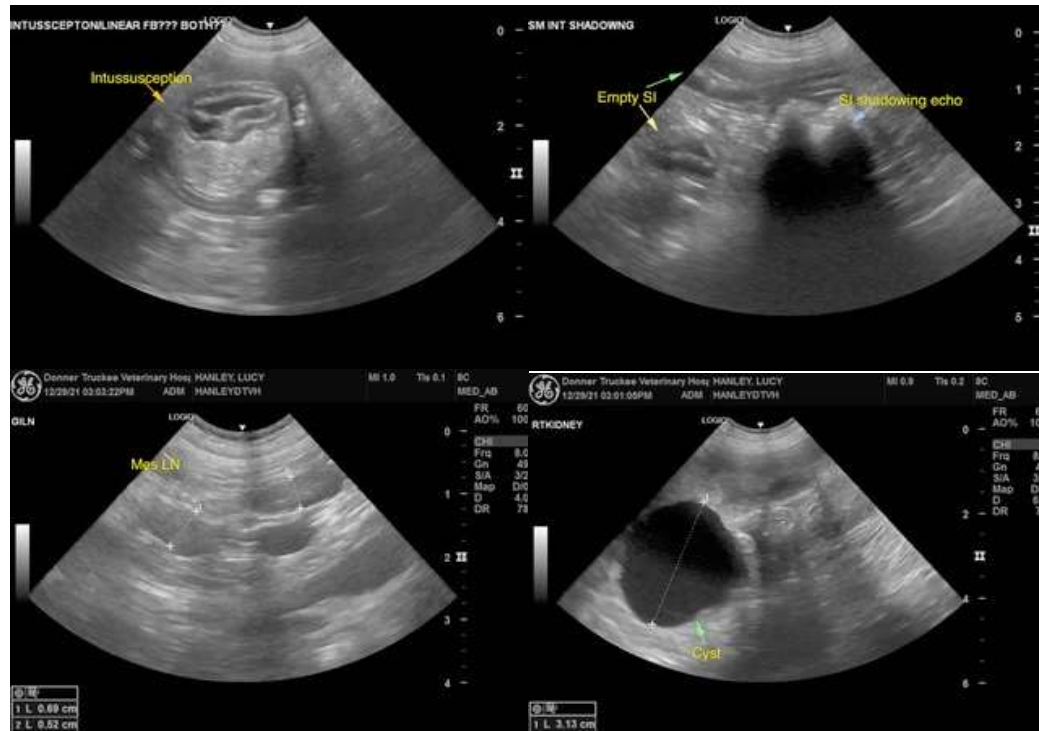
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

HOSPITAL NAME

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