



PATIENT PRESENTING CLINICAL SIGNS

Frankie Reiter History: Vomiting intermittently for last 4 days no diarrhea lethargic and poor appetite
Abnormal PE/Chem/CBC/UA Results: Non diagnostic

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

BREED

English Bulldog

The prostate is normal in size (1.14 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

SEX

Neutered Male

The left kidney is normal in size (6.02 cm in length) with a normal shape, smooth peripheral margins, and normal internal architecture. There is minimal loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis.

AGE

4 years

The right kidney is normal in size (6.69 cm in length) with a normal shape, smooth peripheral margins, and normal internal architecture. There is minimal loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis.

WEIGHT

28 kg

Adrenal Glands

The left adrenal gland is normal in size (0.40 cm at cranial pole) (0.55 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

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

The right adrenal gland is normal in size (0.48 cm at cranial pole) (0.48 cm at caudal pole) with a normal shape and 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

Dr Belan

Spleen

The spleen is normal in size (2.15 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature appears normal.

HOSPITAL NAME

Fish Creek VH

Liver

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.

REFERRING VET

Dr McKay

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

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Gastrointestinal

The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract appears patent. Several small intestinal segments are fluid-distended and hyperperistaltic. Within the jejunal lumen, a >4.00 cm hard, shadowing structure is visualized. The jejunal wall in this region is mildly thickened (up to 0.45 cm).

DATE

6.22.23



PATIENT

Frankie Reiter

The mesentery effacing the serosal surface in this segment is hyperechoic. Several small intestinal segments are empty. The colonic wall is normal.

SPECIES

Canine

Pancreas

The left limb is visible/prominent with minimal deviation from the normal peripheral contours. The parenchyma is hypoechoic relative to surrounding omental fat. No focal lesions are observed. The mesentery effacing the serosal surface is mildly hyperechoic.

BREED

English Bulldog

Free Abdomen

A small amount of free fluid is present. A few prominent mesenteric lymph nodes are visualized (the largest measuring 1.04 cm in width).

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

Primary Findings

- The hard shadowing structure in the jejunal lumen is suspected to be a foreign body/obstruction. A neoplastic mass cannot be completely excluded but is considered less likely. Adjacent peritonitis is present.
- The pancreatic changes are consistent with mild pancreatitis.

AGE

4 years

Secondary Findings

- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.
- Minor bilateral pinpoint renal mineralization

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Internal Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Abdominal exploratory is recommended to assess for/remove any foreign material. GI biopsies should also be obtained, depending on the appearance of the bowel. Prior to anesthesia, three-view thoracic radiographs are recommended to assess for occult aspiration pneumonia. Baseline lab work is also recommended (if not already performed).

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SPECIES

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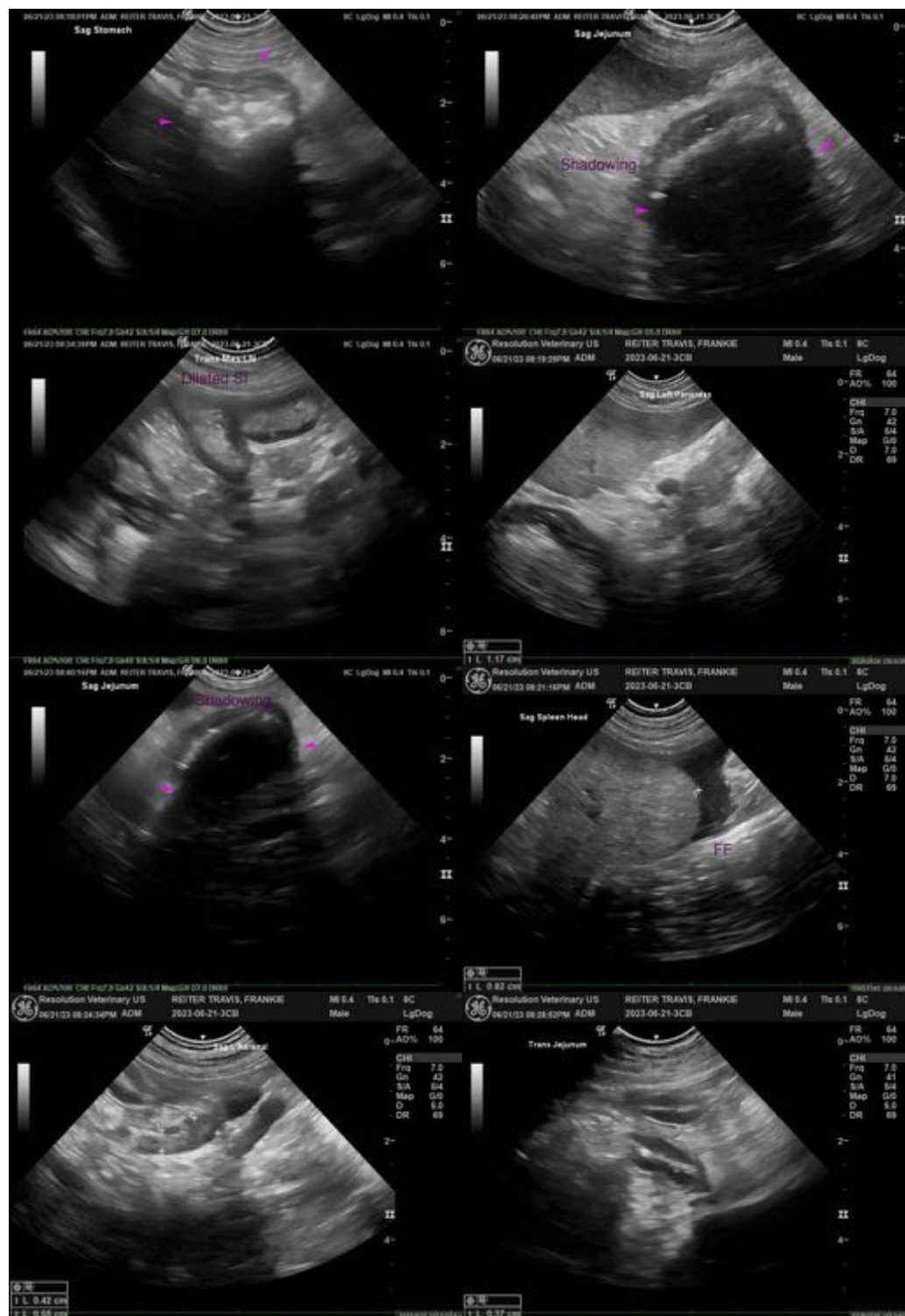
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Frankie Reiter

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.

SPECIES

Canine

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com

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SEX

Neutered Male

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