



**PATIENT PRESENTING CLINICAL SIGNS**

Angel Schutz History: vomited several times since yesterday, not eating, lethargic, abd is painful when palpated-right medial

**SPECIES** Abnormal PE/Chem/CBC/UA Results: amyl 423 (500-1500) CI 106 (109-122) Please see attached rad

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED** *Urinary System*

Golden Retriever The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder is distended. A small amount of suspended echogenic debris is observed within the lumen. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

**SEX**

Spayed Female

The left kidney presented normal size (6.74 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**AGE**

8 Years

The right kidney presented normal size (7.29 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**WEIGHT**

30 kg

**INTERPRETED BY** *Adrenal Glands*

Andrea Nicastro, DVM, Diplomat ACVIM (Small Animal Internal Medicine) The left adrenal gland is normal size (0.46 cm at cranial pole) (0.63 cm at caudal pole) (2.03 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**

Kelly Reshny, RVT

The right adrenal gland is normal size (1.58 cm at cranial pole) (0.67 cm at caudal pole) (2.73 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.

**HOSPITAL NAME**

Main Street AH

**Spleen**

**REFERRING VET**

Dr. Brochu

The spleen is normal in size (1.80 cm at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

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**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.

**DATE**

11/12/21



**PATIENT**

Angel Schutz

The gall bladder is moderately distended. The wall is normal in thickness. A moderate to large amount of mineralized sand +/- discreet choleliths are observed within the lumen. The cystic and common bile ducts are normal/not seen.

**SPECIES**

Canine

**Gastrointestinal**

The gastric lumen is fluid distended and hypomotile. Irregular echogenic to hyperechoic shadowing material appears to be within the lumen. The gastric wall is normal in thickness with a normal layering pattern. Several small intestinal segments in the ventral abdomen are severely plicated and mildly fluid-distended. A hyperechoic linear structure appears to be coursing through the lumen of several of the plicated segments. The colonic wall is normal.

**BREED**

Golden Retriever

**SEX**

Spayed Female

**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.

**AGE**

8 Years

**Free Abdomen**

The mesentery in the cranial abdomen is mildly hyperechoic. No free fluid is observed. The abdominal lymph nodes are normal/not visible.

**WEIGHT**

30 kg

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Suspected gastrointestinal linear foreign body/obstruction with cranial peritonitis. There is no obvious evidence of perforation at this time.

**Secondary Findings**

- Gallbladder sand +/- small choleliths- incidental

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Three-view thoracic radiographs are recommended to assess for occult aspiration pneumonia.
- An abdominal exploratory is recommended to assess for and remove a possible linear foreign body.

**INTERPRETED BY**

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

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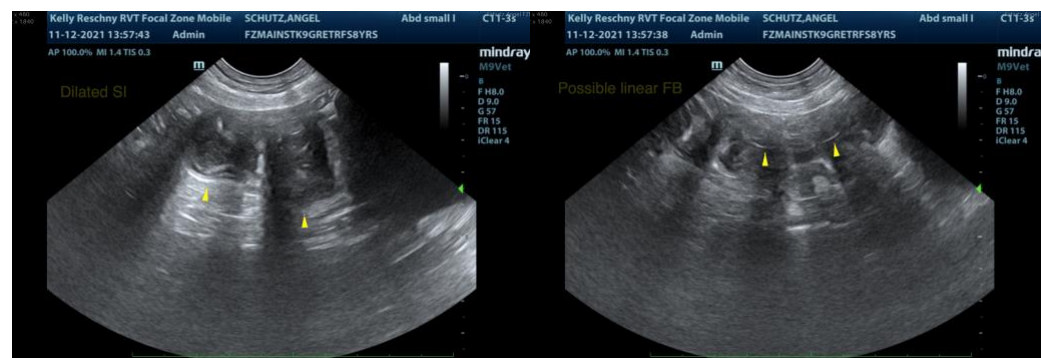
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**PATIENT**

Angel Schutz

**SPECIES**

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**SEX**

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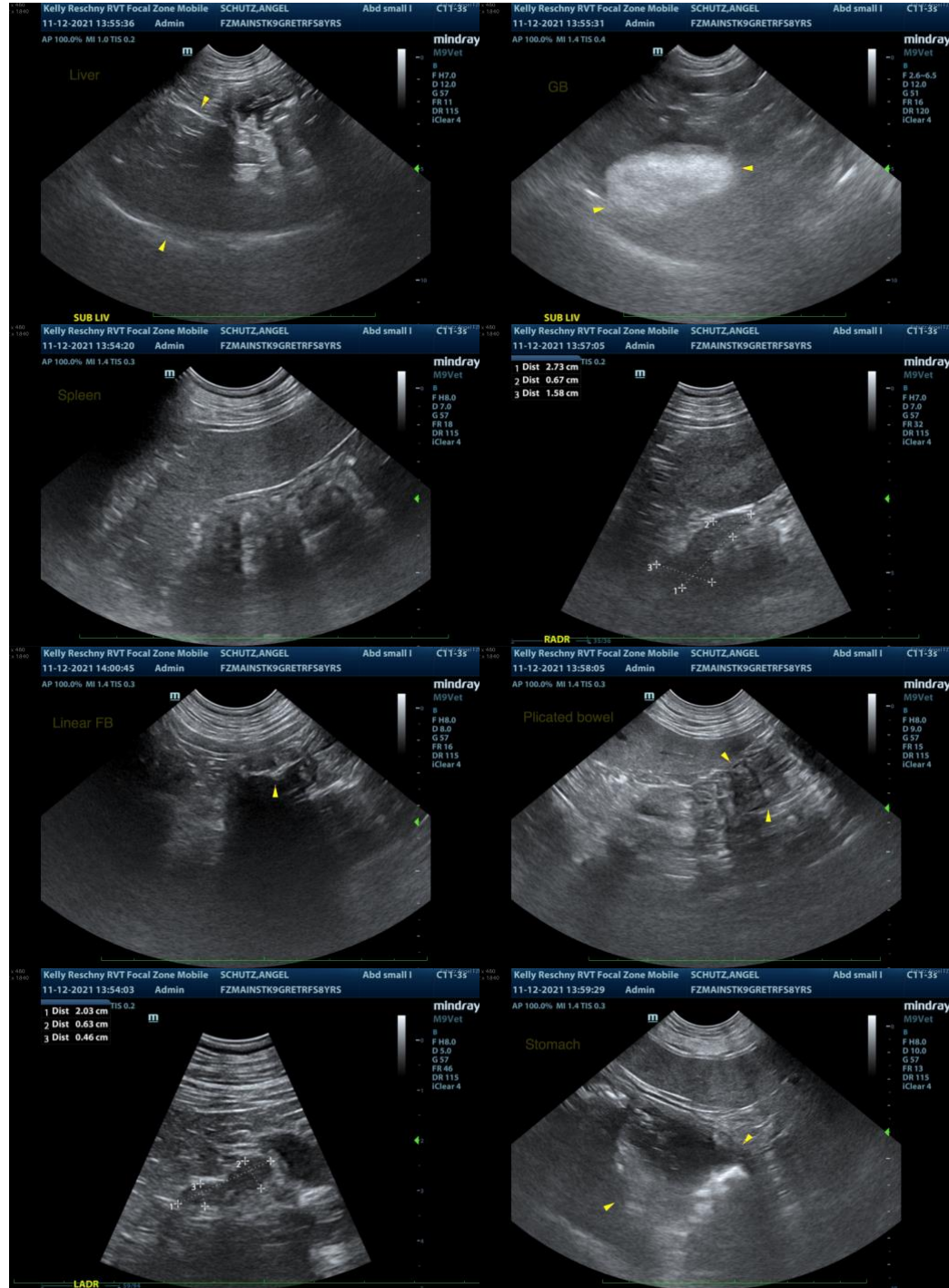
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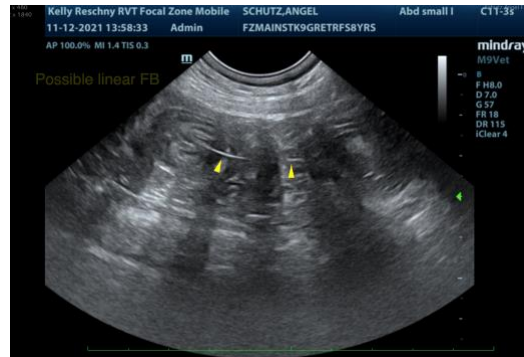
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

andrea\_nicastro2@hotmail.com