



**PATIENT**

Ajax Polasky

**SPECIES**

Canine

**BREED**

Miniature Pinscher

**SEX**

Male Neutered

**AGE**

7 Years

**WEIGHT**

16 lbs.

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Potomac Mobile  
Veterinary Ultrasound

**HOSPITAL NAME**

Silver Spring Animal  
Hospital

**REFERRING VET**

Dr. Jarrett

**INVOICE**

11653kk

**DATE**

8/17/21

**PRESENTING CLINICAL SIGNS**

History: Liver lab work elevations, vomiting, diarrhea. Getting hepatic support medication.

Abnormal PE/Chem/CBC/UA Results: ALT 280, AST 65, ALP 211

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The urine is anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone and the visible portion of the proximal urethra are normal.

The prostate is not definitively visualized due to its pelvic location.

The left kidney is normal size (4.21 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.

The right kidney is normal size (5.10 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.

*Adrenal Glands*

The left adrenal gland is normal size (0.44 cm at cranial pole) (0.54 cm at caudal pole) (2.20 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.

The right adrenal gland is small in size (0.31 cm at cranial pole) (0.36 cm at caudal pole) (1.45 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.

*Spleen*

The spleen is normal in size (1.42 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 is normal.

*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. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of aggregated, echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.



**PATIENT**

Ajax Polasky

**SPECIES**

Canine

**BREED**

Miniature Pinscher

**SEX**

Male Neutered

**AGE**

7 Years

**WEIGHT**

16 lbs.

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Potomac Mobile  
Veterinary Ultrasound

**HOSPITAL NAME**

Silver Spring Animal  
Hospital

**REFERRING VET**

Dr. Jarrett

**INVOICE**

11653kk

**DATE**

8/17/21

**Gastrointestinal**

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly fluid-distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocolic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

**Pancreas**

The left limb of the pancreas is prominent in size with slightly irregular peripheral contours. The parenchyma is hypoechoic relative to surrounding omental fat. No distinct focal lesions are observed. The surrounding mesentery is mildly hyperechoic. The right limb is normal in size with normal curvilinear peripheral contours. The parenchyma is isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic effusion.

**Free Abdomen**

There is no evidence of free fluid. A few prominent jejunal lymph nodes are visualized. The largest measures 3.10 cm in length. Surrounding mesentery is mildly hyperechoic.

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings:**

- Mild acute pancreatitis.
- Reactive lymphadenopathy.

**Secondary Findings:**

- The small right adrenal gland may be a normal variant for this patient or may represent early atrophy. (i.e., secondary to hypoadrenocorticism).

\*\*An obvious cause for the patient's elevated liver values is not identified in this study. However, a microscopic primary hepatopathy or a reactive hepatopathy (i.e., secondary to pancreatitis) may be present.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

1. Supportive care for acute pancreatitis is recommended.
2. Once the patient has recovered, consider rechecking the liver values. If they remain persistently elevated, pre- and post-prandial serum bile acids +/- hepatic tissue sampling (i.e., fine needle aspirate or surgical biopsy) may be warranted.



**PATIENT**

Ajax Polasky

**SPECIES**

Canine

**BREED**

Miniature Pinscher

**SEX**

Male Neutered

**AGE**

7 Years

**WEIGHT**

16 lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Potomac Mobile  
Veterinary Ultrasound

**HOSPITAL NAME**

Silver Spring Animal  
Hospital

**REFERRING VET**

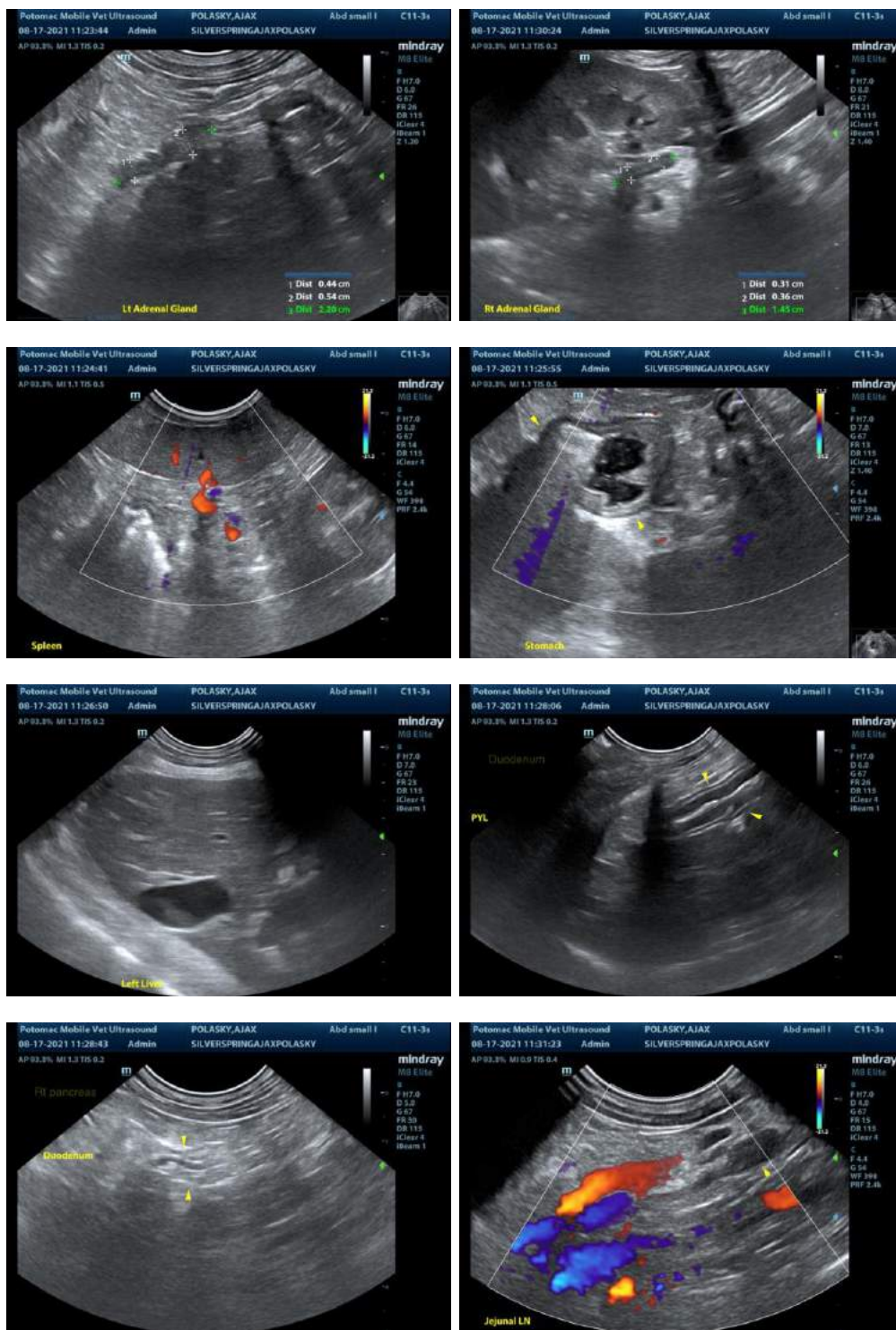
Dr. Jarrett

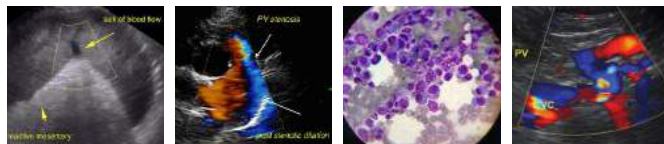
**INVOICE**

11653kk

**DATE**

8/17/21





## PATIENT

Ajax Polasky

## SPECIES

Canine

## BREED

Miniature Pinscher

## SEX

Male Neutered

## AGE

7 Years

## WEIGHT

16 lbs.

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Potomac Mobile  
Veterinary Ultrasound

## HOSPITAL NAME

Silver Spring Animal  
Hospital

## REFERRING VET

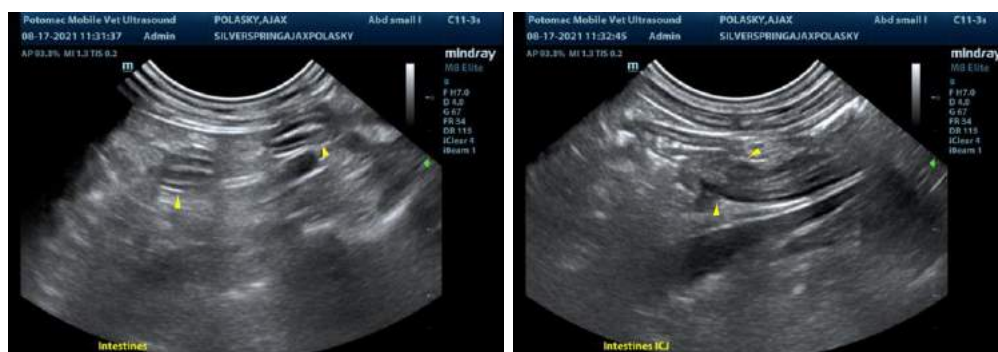
Dr. Jarrett

## INVOICE

11653kk

## DATE

8/17/21



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.nicastro@sonopath.com