



## PATIENT

Lucky Htwe

## SPECIES

Canine

## BREED

German Shepherd

## SEX

Neutered Male

## AGE

2

## WEIGHT

69

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP (CFM), Cert.  
IVUSS

## IMAGING PERFORMED BY

Dr. Sharkawy

## HOSPITAL NAME

Union Vet AH

## REFERRING VET

Dr. Sharkawy

## INVOICE

36332

## DATE

3/21/26

## PRESENTING CLINICAL SIGNS

- ANOREXIA
- VOMITING
- GIT obstruction 8 months ago
- Abnormal PE/Chem/CBC/UA Results:CBC-NORMAL Slim Negative colonoscopy

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex, and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.9 cm. The right kidney measured 5.9 cm.

### *Adrenal Glands*

The **adrenal glands** were not visualized.

### *Spleen*

The **spleen** was uniformly enlarged, typical for the breed.

### *Liver*

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

### *Gastrointestinal*

The upper **gastrointestinal tract** was dilated, followed by empty small intestine with an obstructive foreign body noted. Foreign body obstruction would be consistent with urethane structure, such as a Kong or similar, measuring approximately 5.0 cm. Reactive surrounding mesentery was noted. Slight free fluid noted was noted. The colon was unremarkable.

### *Pancreas*

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.



**PATIENT**

*Free Abdomen*

Lucky Htwe

Hyperechoic reactive fat was noted in this patient, associated with the obstruction.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

- Jejunal obstructive foreign body with regional emerging peritonitis. Underlying inflammatory bowel, may also be an issue.
- Hyperechoic reactive fat, associated with the obstruction
- Mild hypersplenism

**BREED**

German Shepherd

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Enterotomy and GI biopsies indicated to rule out underlying disease.

Neutered Male

According to SonoPath research presented at ECVIM 2016 (Stockholm, Sweden), Advances in Small Animal Medicine and Surgery (May 2017), and EVDI 2017 (Verona, Italy), concurrent underlying chronic inflammatory neoplastic intestinal disease can often reside in PICA patients. Therefore, surgical biopsies are essential in this case regardless of the exploratory findings.

**AGE**

2

**WEIGHT**

69

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP (CFM), Cert.  
IVUSS

**IMAGING PERFORMED BY**

Dr. Sharkawy

**HOSPITAL NAME**

Union Vet AH

**REFERRING VET**

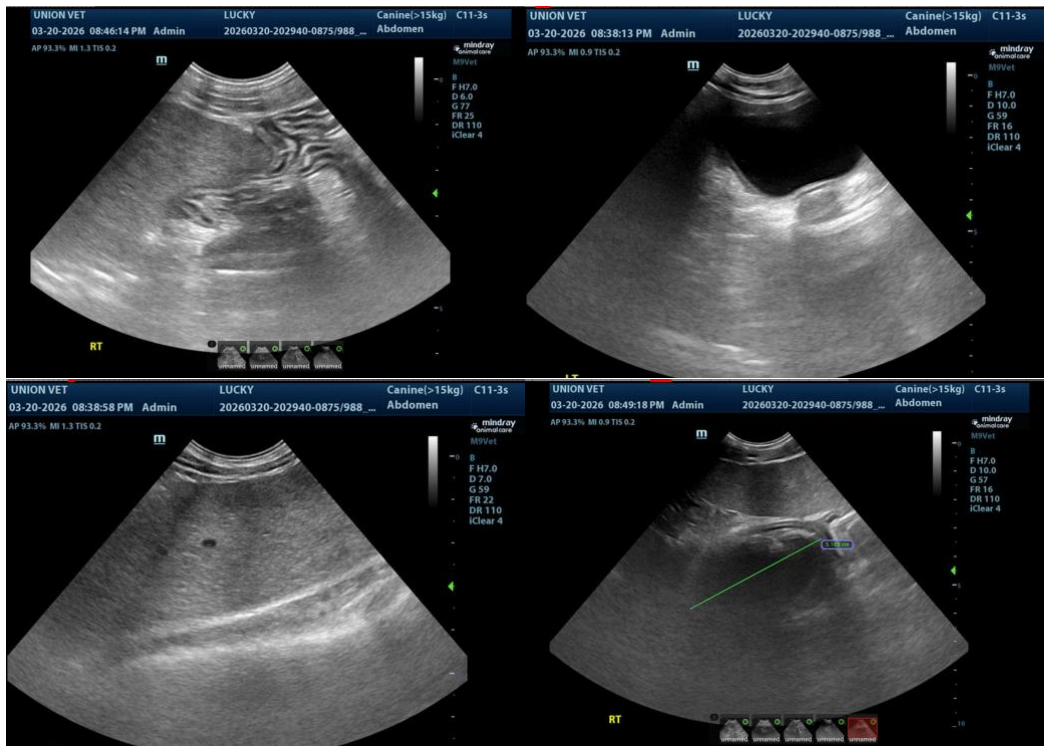
Dr. Sharkawy

**INVOICE**

36332

**DATE**

3/21/26





### PATIENT

Lucky Htwc

### SPECIES

Canine

### BREED

German Shepherd

### SEX

Neutered Male

### AGE

2

### WEIGHT

69

### INTERPRETED BY

Eric Lindquist, DMV,  
DABVP (CFM), Cert.  
IVUSS

### IMAGING PERFORMED BY

Dr. Sharkawy

### HOSPITAL NAME

Union Vet AH

### REFERRING VET

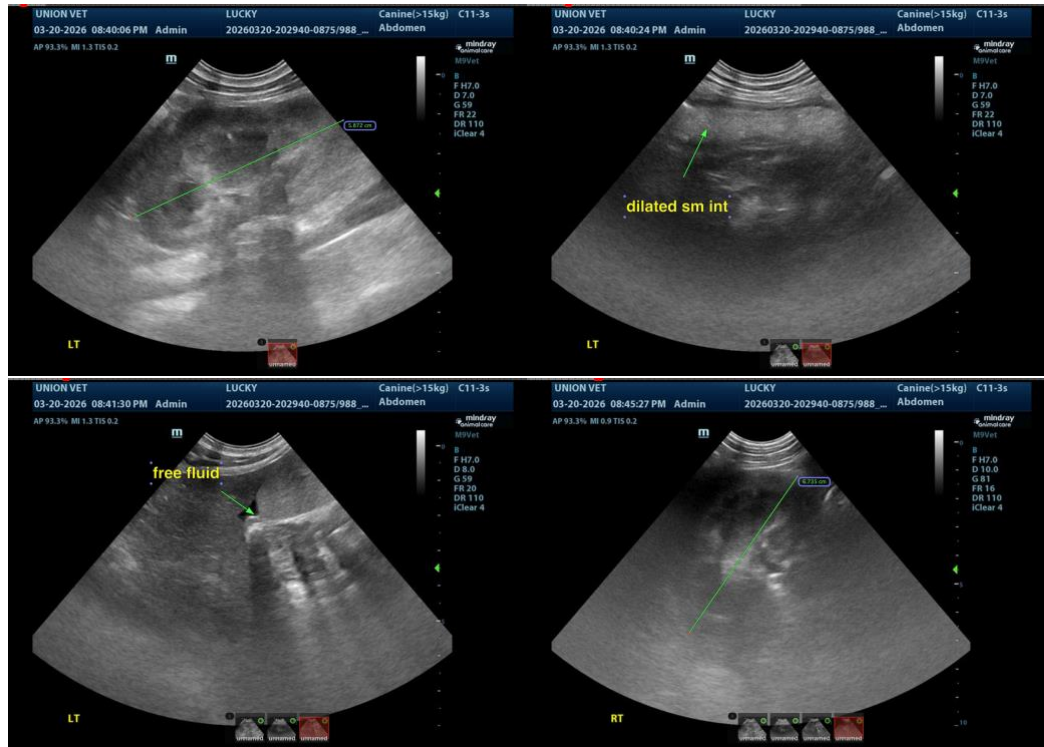
Dr. Sharkawy

### INVOICE

36332

### DATE

3/21/26



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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,  
CEO, Owner, Founder -- SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)