



## PATIENT

Brody Cardenas

## SPECIES

Canine

## BREED

German Schnauzer Mix

## SEX

Neutered Male

## AGE

12

## WEIGHT

17.18

## INTERPRETED BY

Kim Radway, DVM,  
DABVP (Canine/  
Feline)

## IMAGING PERFORMED BY

Matt Heinlein

## HOSPITAL NAME

TLC Animal Hospital

## REFERRING VET

Dr. Cristina Ramirez  
DVM

## INVOICE

15055

## DATE

04/13/26

## PRESENTING CLINICAL SIGNS

Recheck GB to evaluate if there is common bile duct obstruction. P ALT/ALP values have elevated dramatically since last check. Feeding tube is in place. P otherwise BAR, continues to be icteric

## LIMITED ULTRASONOGRAPHIC EXAMINATION

The right and middle aspects of the liver were evaluated and found to have a heterogeneous liver parenchyma and mild hepatomegaly with rounding of the outer capsular contour. Within the images provided, there were no discrete nodules present which were seen on the previous ultrasound.

The gallbladder was found to be moderate in size containing suspended hyperechoic debris. The proximal aspect of the common bile duct was measured to be 0.56 cm in width which is mildly enlarged. The majority of the common bile duct was not evaluated included in these images.

There was also evidence of hyperechoic and irregular fat present adjacent to the liver within the cranial abdomen.

The pancreas was not evaluated in this study and therefore cannot be accurately described. The common bile duct as it approaches and enters into the duodenum was not evaluated in this study.

There was no evidence of effusion noted within these images.

## ULTRASONOGRAPHIC FINDINGS

- Hepatomegaly with a heterogeneous liver parenchyma.
- Hyperechoic debris within the lumen of the gallbladder.
- Mild dilation of the common bile duct.
- Hyperechoic cranial abdominal fat.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The brief evaluation of the right cranial aspect of the abdomen showed continued evidence of hepatomegaly and a heterogeneous appearance to the liver parenchyma. There was hyperechoic debris within the lumen of the gallbladder. The majority of the common bile duct was not evaluated within this study and the pancreas was also not included in the images provided. It is difficult to be accurate as to the reason for this patient having continued worsening of the liver values and icterus on physical exam.

It is recommended to consider referring this patient for an abdominal CT scan in order to better evaluate the entirety of the common bile duct, right limb of the pancreas, and liver. A fine needle aspirate of the hepatic parenchyma may be of benefit to better determine the underlying cytologic diagnosis present in this patient.



## PATIENT

Brody Cardenas

## SPECIES

Canine

## BREED

German Schnauzer Mix

## SEX

Neutered Male

## AGE

12

## WEIGHT

17.18

## INTERPRETED BY

Kim Radway, DVM,  
DABVP (Canine/  
Feline)

## IMAGING PERFORMED BY

Matt Heinlein

## HOSPITAL NAME

TLC Animal Hospital

## REFERRING VET

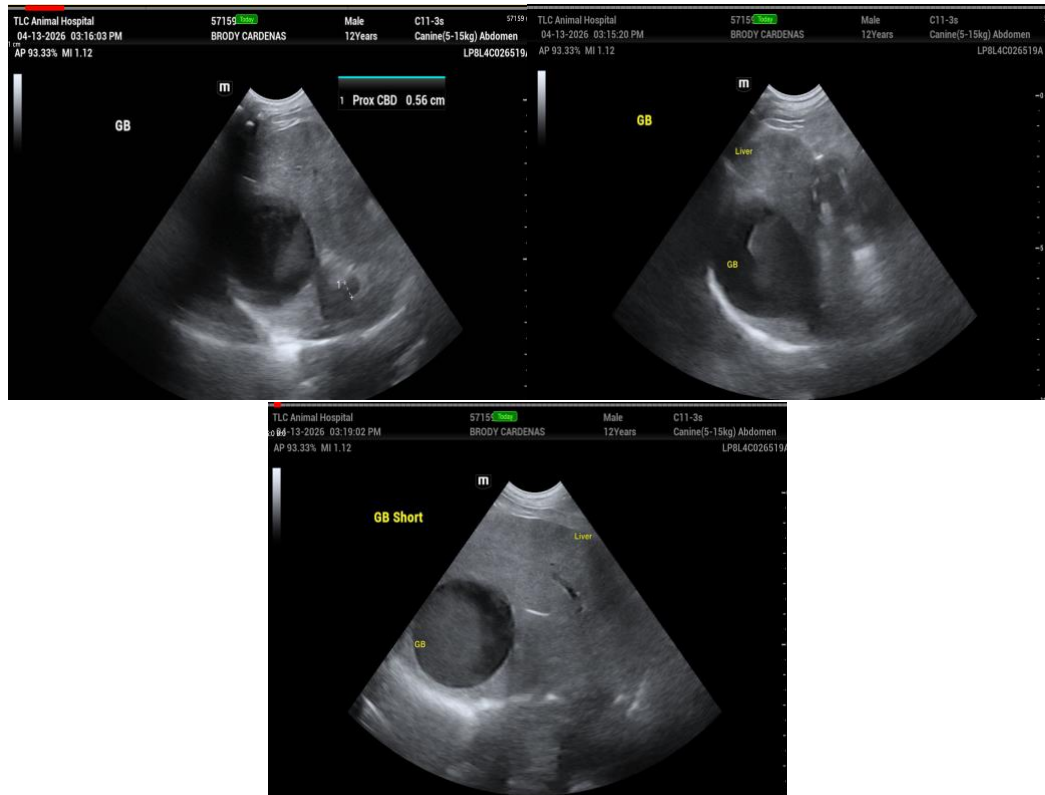
Dr. Cristina Ramirez  
DVM

## INVOICE

15055

## DATE

04/13/26



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.

Kim Radway, DVM, DABVP (Canine/ Feline)

[info@SonoPath.com](mailto:info@SonoPath.com)