



## PATIENT

Kipper Zimmel

## SPECIES

Canine

## BREED

Pitbull Mix

## SEX

Neutered Male

## AGE

7 Years

## WEIGHT

30.4 kg

## INTERPRETED BY

Greg Kuhlman, DVM,  
DACVIM (SAIM)

## IMAGING PERFORMED BY

Dr. Hayley Gaynor

## HOSPITAL NAME

Lambertville Veterinary  
Clinic

## REFERRING VET

Dr. Hayley Gaynor

## INVOICE

13815

## DATE

02/16/26

## PRESENTING CLINICAL SIGNS

- pet presented on 2/6/26 for approximate 1 month history of shaking/panting but worse in past several days. Hesitant to having head pet
- Also noted increased thirst and decreased appetite
- 2/12/26 - o reports neck pain improved with carprofen prescribed 2/6/26 but panting and shaking is worsening

Abnormal PE/Chem/CBC/UA Results: 2/6/26 - pain on flexion of neck; Chem/CBC - ALP 2426 IU/L, otherwise unremarkable

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen.

The left kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The left kidney measured 7.2 cm in length.

The right kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The right kidney measured 6.4 cm in length.

### *Adrenal Glands*

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 6.3 mm and the caudal pole measures 5.4 mm.

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 5.5 mm and the caudal pole measures 7.9 mm.

### *Spleen*

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

### *Liver*

From what appears to be the right aspect of the liver, there is an approximately 5.9 by 11.2 cm irregularly shaped heteroechoic mass lesion present within the liver. On the caudal aspect of this lesion there is a cystic lesion. The cyst in the caudal aspect of the liver mass measures 1.9 by 3.5 cm in size. The remainder of the liver appears normal. Surrounding the suspected liver mass, the omentum is hyperechoic consistent with an inflammatory process.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

### *Gastrointestinal*

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.



## PATIENT

Kipper Zimmel

## SPECIES

Canine

## BREED

Pitbull Mix

## SEX

Neutered Male

## AGE

7 Years

## WEIGHT

30.4 kg

## INTERPRETED BY

Greg Kuhlman, DVM,  
DACVIM (SAIM)

## IMAGING PERFORMED BY

Dr. Hayley Gaynor

## HOSPITAL NAME

Lambertville Veterinary  
Clinic

## REFERRING VET

Dr. Hayley Gaynor

## INVOICE

13815

## DATE

02/16/26

## Pancreas

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.

## Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

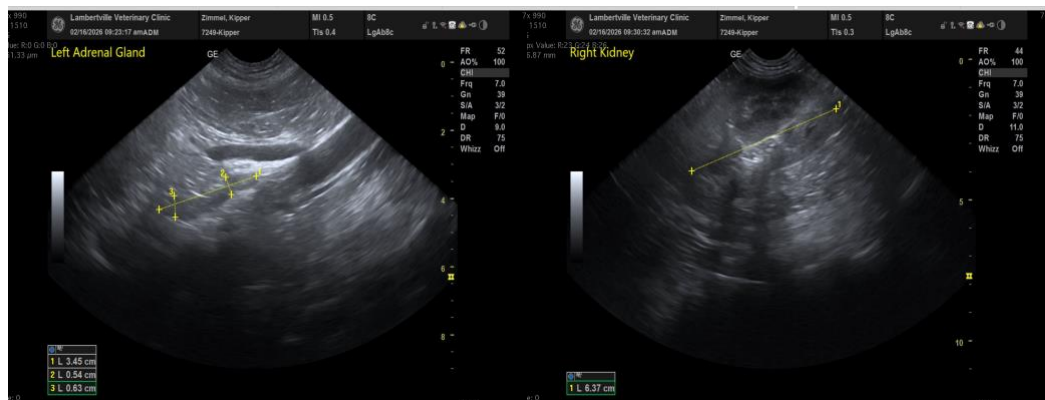
## ULTRASONOGRAPHIC FINDINGS

- Large irregular shaped mass suspected to be deriving from the right aspect of the liver. This is most likely contributing to the patient's clinical signs.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend obtaining three view chest x-rays to rule out metastatic disease. Referral for the patient to a surgery specialist to consider CT scan as pre-surgical planning is recommended. If suspected liver mass lesion appears resectable, then surgical resection and submission for histopathology is recommended.

Differentials for this mass lesion includes most likely primary hepatobiliary neoplasia such as hepatocellular carcinoma versus cholangiocarcinoma, hemangiosarcoma and less likely a benign etiology is likely. The prognosis is open pending further workup and surgical feasibility of resection of this mass lesion.





## PATIENT

Kipper Zimmel

## SPECIES

Canine

## BREED

Pitbull Mix

## SEX

Neutered Male

## AGE

7 Years

## WEIGHT

30.4 kg

## INTERPRETED BY

Greg Kuhlman, DVM,  
DACVIM (SAIM)

## IMAGING PERFORMED BY

Dr. Hayley Gaynor

## HOSPITAL NAME

Lambertville Veterinary  
Clinic

## REFERRING VET

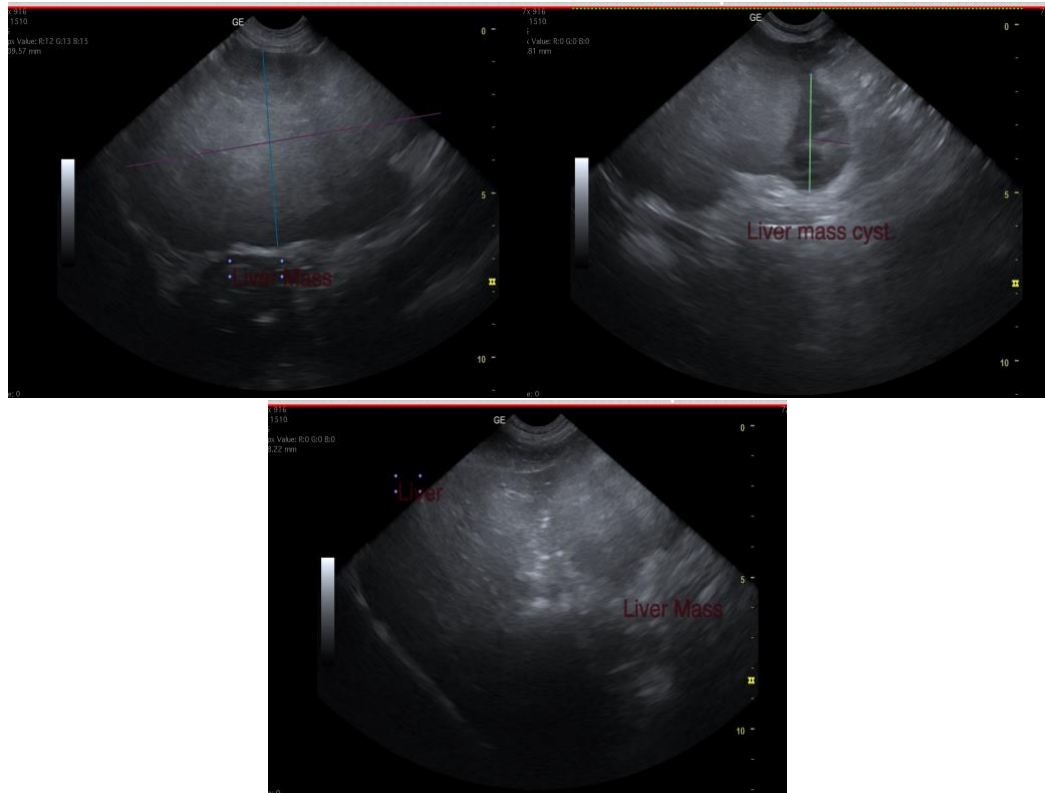
Dr. Hayley Gaynor

## INVOICE

13815

## DATE

02/16/26



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.

**Greg Kuhlman, DVM, DACVIM (SAIM)**

Veterinary Internal Medicine Specialist

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