

## PATIENT

Parker Hanshaw

## SPECIES

Canine

## BREED

Mixed

## SEX

Spayed Female

## AGE

3 Years

## WEIGHT

70 Pounds

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sara Crawford

## HOSPITAL NAME

Countryside VS-  
Champion

## REFERRING VET

Dr. Sara Crawford

## INVOICE

36448

## DATE

3/31/26

## PRESENTING CLINICAL SIGNS

- 6 month history of off and on vomiting and diarrhea.
- currently on royal canin fiber response and has been on purina HA
- currently on metro, amoxi, carafate, denamarin
- Abnormal PE/Chem/CBC/UA Results: BW: Decreased HCT 40.4; Hemoglobin 12.6; MCV 61; MCH 18.9; MCHC 31.2 Increase RDW 23.1 Increase WBC 18.8 (neutrophilia, monocytosis) Decrease Albumin 2.1 Increase ALT 656; AST 395; ALP 557; GGT 16; Increase Bilirubin Total 1.2 (Conjugated 0.6 Unconjugated 0.6

## 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 7.0 cm. The right kidney measured 7.2 cm.

### *Adrenal Glands*

The regions of the **adrenal glands** were unremarkable.

### *Spleen*

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

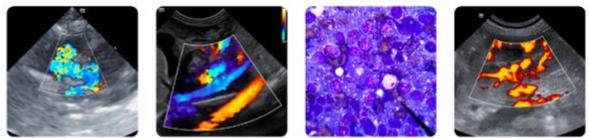
### *Liver*

The **liver** revealed nodular irregular changes with capsular retraction and expansion. Diffuse disease is present. The hepatic veins were not dilated. The gallbladder and common bile duct were unremarkable.

### *Gastrointestinal*

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

### *Pancreas*



## PATIENT

Parker Hanshaw

## SPECIES

Canine

## BREED

Mixed

## SEX

Spayed Female

## AGE

3 Years

## WEIGHT

70 Pounds

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sara Crawford

## HOSPITAL NAME

Countryside VS-  
Champion

## REFERRING VET

Dr. Sara Crawford

## INVOICE

36448

## DATE

3/31/26

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.

## Free Abdomen

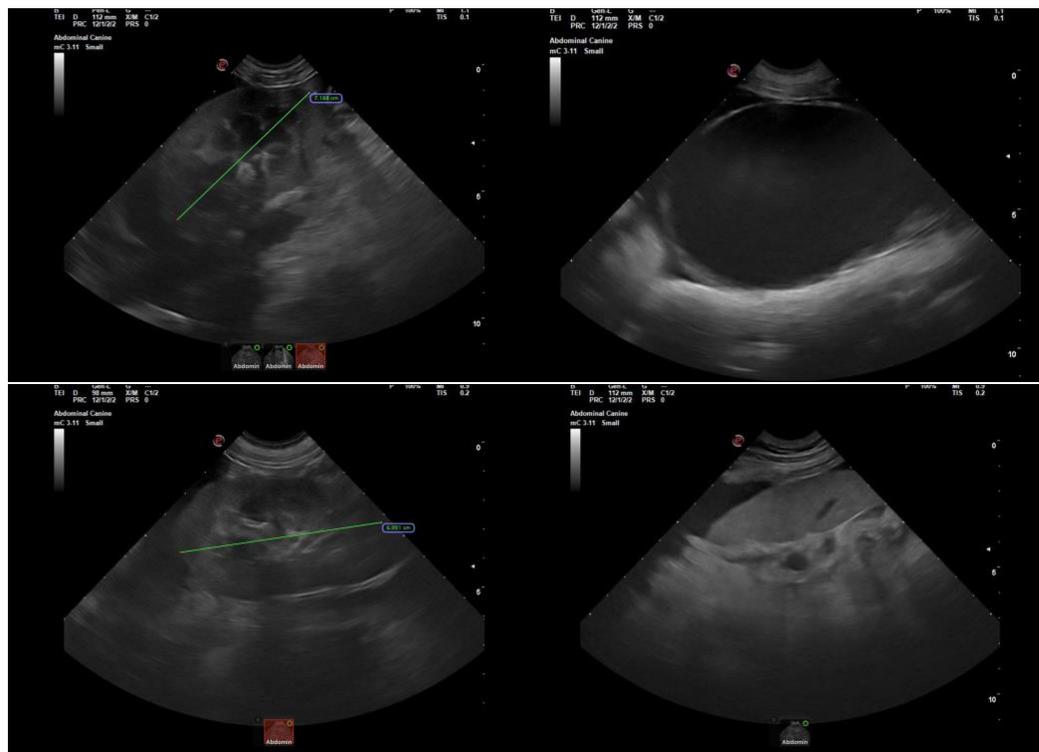
A large amount of **ascites** was noted in this patient, owing to portal hypertension.

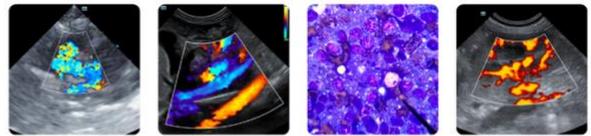
## ULTRASONOGRAPHIC FINDINGS

- Diffuse hepatic nodular changes consistent with cirrhosis
- Secondary ascites, owing to portal hypertension

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Primary copper storage disease or similar may be an issue. However, prognosis is poor. This is consistent with end stage cirrhosis.





## PATIENT

Parker Hanshaw

## SPECIES

Canine

## BREED

Mixed

## SEX

Spayed Female

## AGE

3 Years

## WEIGHT

70 Pounds

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sara Crawford

## HOSPITAL NAME

Countryside VS-  
Champion

## REFERRING VET

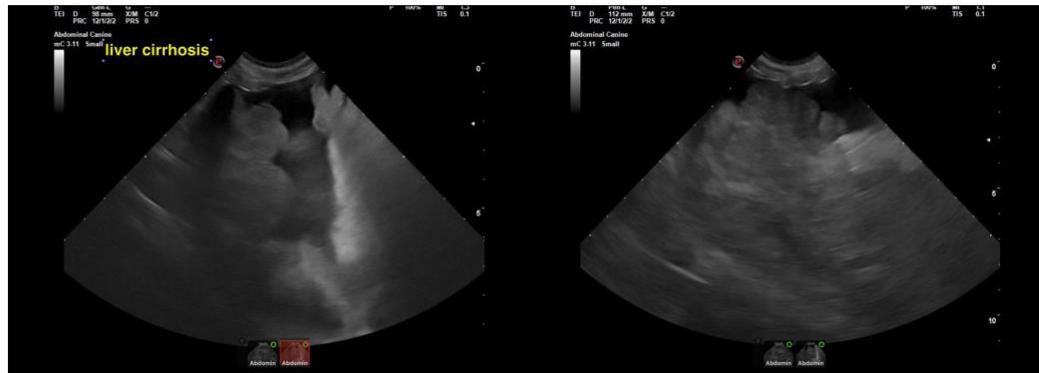
Dr. Sara Crawford

## INVOICE

36448

## DATE

3/31/26



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)