



## PATIENT

Cedar Bittings

## SPECIES

Canine

## BREED

Vizsla

## SEX

Spayed Female

## AGE

4 Years 1 Month

## WEIGHT

56 Pounds

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Megan Bittings

## HOSPITAL NAME

Taylorville VC

## REFERRING VET

Dr. Ashleigh Bisset

## INVOICE

35295

## DATE

1/8/26

## PRESENTING CLINICAL SIGNS

History: Cedar is a 4y/o FS Vizsla who presented on 1/5/26 for a month long history of worsening signs of a decreased appetite, intermittent vomiting and distended abdomen. Temp 102.8. On physical exam, her mucous membranes were light pink and tacky. Patient had a mild abdominal effort when breathing with short inhalation. Heart and lungs auscultated normally but femoral pulses were slightly thready. There was marked painful cranial organomegaly on abdominal palpation. Radiographs were performed and sent off to a outside radiologist and found the following: Bicavitary effusion (moderate pleural and mild peritoneal) and marked hepatomegaly. No obvious masses were seen in either cavity.

Abnormal PE/Chem/CBC/UA Results: Bloodwork revealed: TP 4.7 L, Albumin 2.6 L, Globulin 2.1 L, ALT 291 H, AST 183 H, ALP 401 H, CK 206 H, T4 0.5 L, SDMA 18 H, Monocytes 2.059 H.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI. This is a moderate change.

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 right kidney measured 6.2 cm. The left kidney measured 6.0 cm.

### Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.6 cm.

### Spleen

The **spleen** revealed scalloping contour and granular hypoechoic parenchyma.

### Liver

The **liver** revealed swollen irregular contour and hypoechoic parenchyma with hyperechoic surrounding fat. Pleural effusion was noted through the diaphragm. The hepatic lymph nodes were enlarged and nodular. Multiple iso- to hypoechoic nodular masses were noted throughout the liver. The gallbladder and common bile duct were unremarkable

### Gastrointestinal



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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***

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***

Multiple cranial abdominal **lymph nodes** were enlarged, hypoechoic, and rounded, an example measuring 2.0 cm. Free Fluid was noted in the abdomen.

## **ULTRASONOGRAPHIC FINDINGS**

- Multicentric infiltrative round cell neoplastic pattern involving lymph nodes, liver, and likely thorax given the pleural effusion.
- Granular hypoechoic splenic parenchyma
- Urinary bladder debris

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Prognosis is poor. Humane euthanasia should be considered in this patient, unless immediate chemotherapeutic intervention would be performed based on cytology results.



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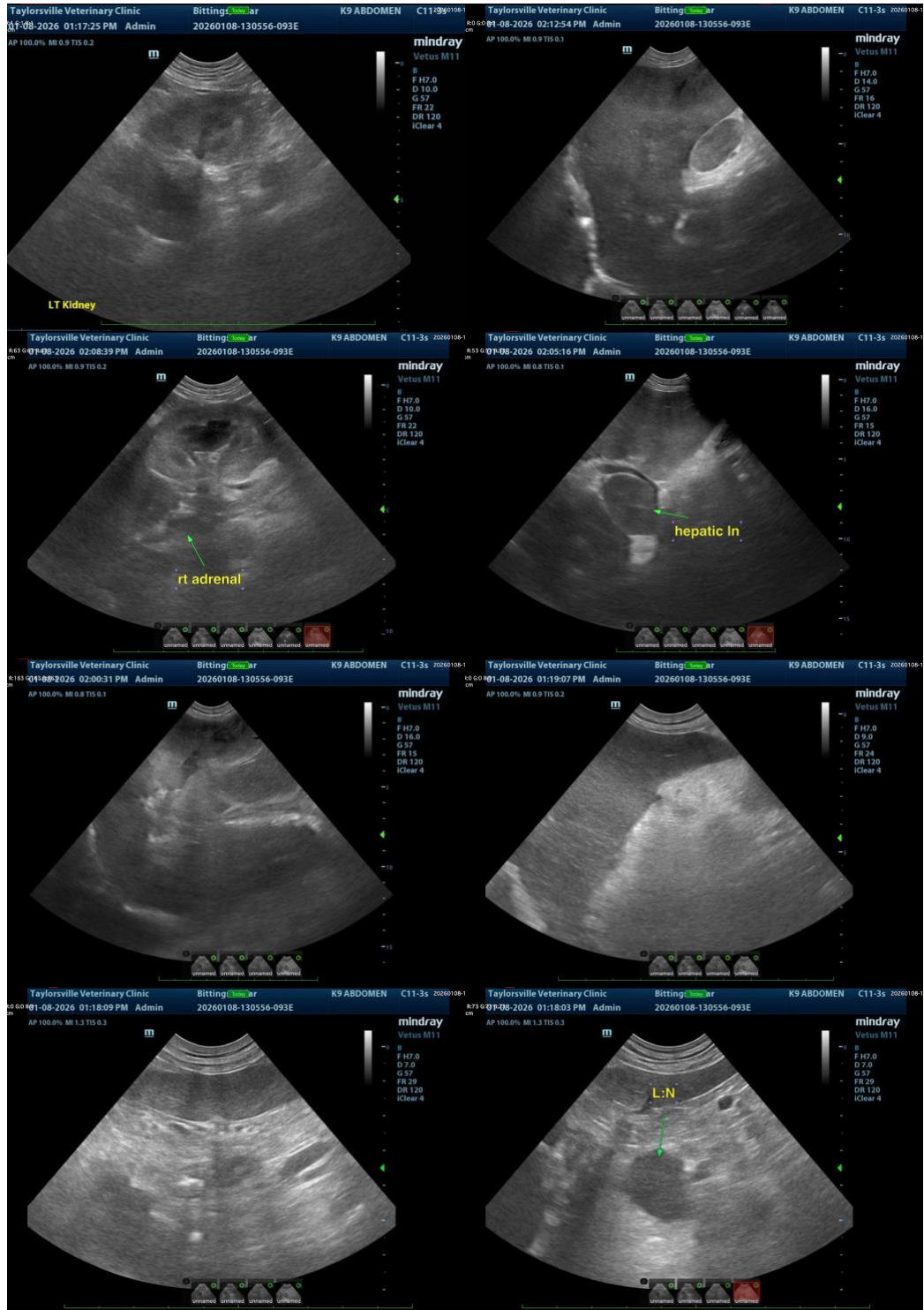
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)