



**PATIENT**

Brandy Rouse

**SPECIES**

Canine

**BREED**

Australian Cattle Dog

**SEX**

Spayed Female

**AGE**

9 Years

**WEIGHT**

44.2

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Cohen

**HOSPITAL NAME**

Willamette VH

**REFERRING VET**

Dr. Cohen

**INVOICE**

44599

**DATE**

1/30/23

**PRESENTING CLINICAL SIGNS**

Presented for few days progressive lethargy and epistaxis, hyporexia, decreased thirst. pt recently had oral mass removal during dental at rdvm 10d ago. Concern for ITP, azotemia (concern for CKD)

Abnormal PE/Chem/CBC/UA Results: CBC- HCT 57.7% (moderate dehydration), HGB 20.8, RETIC HGB 19.1, PLT 4 (marked thrombocytopenia, concern for spontaneous bleeding, confirmed by manual plt count), PLTCRT 0.01, MPV 16.1, CHEM 17/Lytes- CRE 3.3, BUN 92 (moderate-marked azotemia), PHOS 7.1, CHOL 358 PT- 15 (11-17) normal PTT- 88 (72-102) normal

**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 right kidney measured 6.38 cm. The left kidney measured 6.58 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 0.50 cm. The right adrenal gland measured 0.60 cm.

**Spleen**

The **spleen** was uniformly enlarged and folded upon itself. Unremarkable otherwise.

**Liver**

The **liver** was mildly subnormal in size yet uniform. 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**

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.



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**ULTRASONOGRAPHIC FINDINGS**

- Hypersplenism with folded splenic position – normal variant or reactive spleen, minor potential for underlying neoplasia.
- Mildly subnormal liver size

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Splenic FNA indicated for further definition if platelet count is >70,000. Proactive splenectomy could be considered if patient is painful upon palpation, yet this is likely a reactive state. Predisposition to torsion may be an issue. Structurally the abdomen is unremarkable otherwise.





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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, Cert. IVUSS, CEO of SonoPath.com**

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