



PATIENT	PRESENTING CLINICAL SIGNS
Ziggy Breckenridge	History: 15Y NM shepherd mix presented for large intrabdominal mass effect in L cranial abdomen. Hx small mass effect seen on barium study 3yr prior. Numerous soft tissue masses on body. Novel grade 3/6 L apical systolic murmur today. fast scan: 8-10 cm cavitated mid-abdominal mass. No abdominal free fluid noted. LA subjectively enlarged.
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: CBC: RBC 4.89 (L), Hct 35.0% (L), Hgb 11.5 (L), WBC 4.51 (L), Lym 0.56 (L) Chem17/lytes: all wnl, TS 7.1 wnl PCV 38% TS 7.8 g/dL Radiographs, thorax (3-view): Normal appearance of lung parenchyma, geriatric changes. Normal size and shape of cardiac silhouette. Normal appearance of pulmonary vasculature. Spondylosis between T5-6. Cranial abdominal mass effect visible in L cranial abdomen.
BREED	
Shepherd Mix	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Neutered Male	Urinary System
AGE	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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. Iliac trifurcation was unremarkable.
15	
WEIGHT	The left kidney 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 5.1 cm.
48.2 Pounds	
INTERPRETED BY	The right kidney was not visualized owing to the precarious nature of the mass.
Eric Lindquist, DMV DABVP, Cert. IVUSS	Adrenal Glands
IMAGING PERFORMED BY	The left adrenal gland was 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.
Lesley Cohen	
HOSPITAL NAME	The right adrenal gland was not visualized owing to the precarious nature of the mass.
Willamette VH	Spleen
REFERRING VET	The spleen revealed an expansive mixed hypoechoic 6-10 cm undifferentiated mass. The mass was cavitated and highly precarious. The mass appeared to be imaged from multiple angles, however, only in some views could the mass be linked to the spleen. I cannot rule out there being a second mass in the mid abdomen, however, based on the image set provided, this appears to be a solitary splenic mass.
Lesley Cohen	
INVOICE	Liver
23386	The visible liver revealed some heterogenous nodular changes. Increased portal markings were noted. A mild to moderate amount of hepatic remodeling was noted. The gallbladder and common bile duct were unremarkable.
DATE	Gastrointestinal
7/14/23	



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SPECIES

Canine

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SEX

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15

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48.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV
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Willamette VH

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INVOICE

23386

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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.

Other

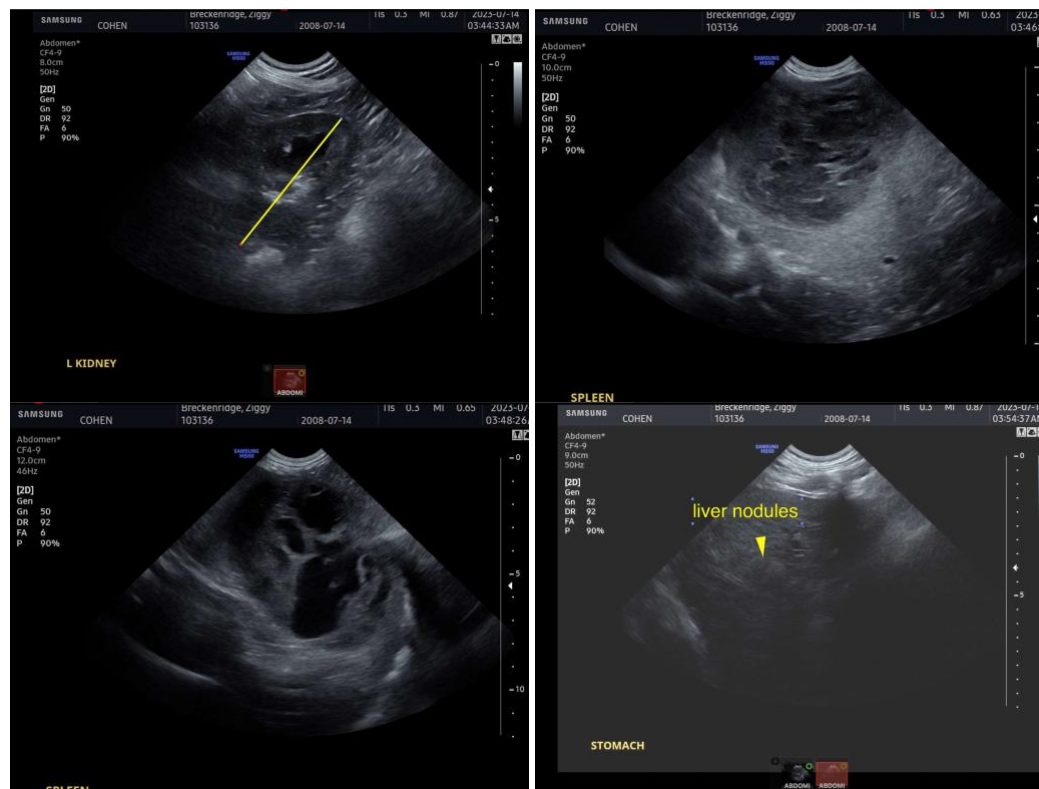
A rapid view of the **heart** revealed no obvious pericardial effusion. Contractility appeared adequate.

ULTRASONOGRAPHIC FINDINGS

- Splenic mass
- Potential second mass, depending on sonographer opinion.
- Minor heterogenous hepatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery is indicated, if chest radiographs are free of evident pathology, with inspection and biopsy of the liver at splenectomy. Hemangiosarcoma is likely. Benign hematoma is possible. Other neoplasia is possible but less likely.





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The information and recommendations provided are based on the images presented by the referring veterinarian. 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
info@SonoPath.com