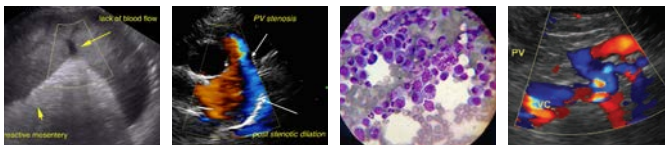
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com™
1-800-838-4268 info@sonopath.com

PATIENT
Ellie Schutts

SPECIES
Canine

BREED
Mixed Poodle

SEX
Spayed Female

AGE
11 Years 8 Months

WEIGHT
19.9 Pounds

INTERPRETED BY
Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Jessica Green

HOSPITAL NAME
Stanglein Vet Clinic

REFERRING VET
Dr. Erin Rothrock

INVOICE
41069

DATE
9/7/22

PRESENTING CLINICAL SIGNS

o reports patient has been refusing food. eating softer food on primarily one side of mouth. owner is only able to hand feed her soft food but not wanting to eat much.

Abnormal PE/Chem/CBC/UA Results: GFAST: very large cavitated mass in mid cranial abdomen, no obvious free fluid noted today. 3view abdomen/thoracic rads: thorax unremarkable, very large soft tissue mass in mid cranial abdomen (suspect associated with the spleen), displacing stomach cranially and small intestines caudally. Concern for hemangiosarcoma vs hemangioma vs hematoma vs lymphoma vs open. BW sent to lab today. Rec abdominal explore/splenectomy pending AUS results.

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex. The right kidney measured 4.75 cm. The left kidney measured 4.64 cm with slight pyelectasia.

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 1.6 cm x 0.48 cm. The right adrenal gland measured 1.73 cm x 0.58 cm at the cranial pole.

Spleen

The **spleen** presented a complex, mixed hypoechoic, cystic, and disorganized 10 cm mass deriving from the cranial pole with regional inflammation.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable. No obvious evidence of metastatic disease, yet micrometastasis cannot be completely ruled out.

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.

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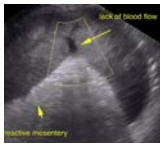
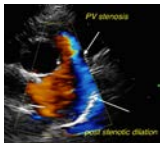
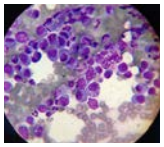
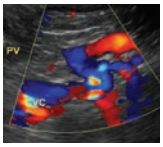

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Pancreas

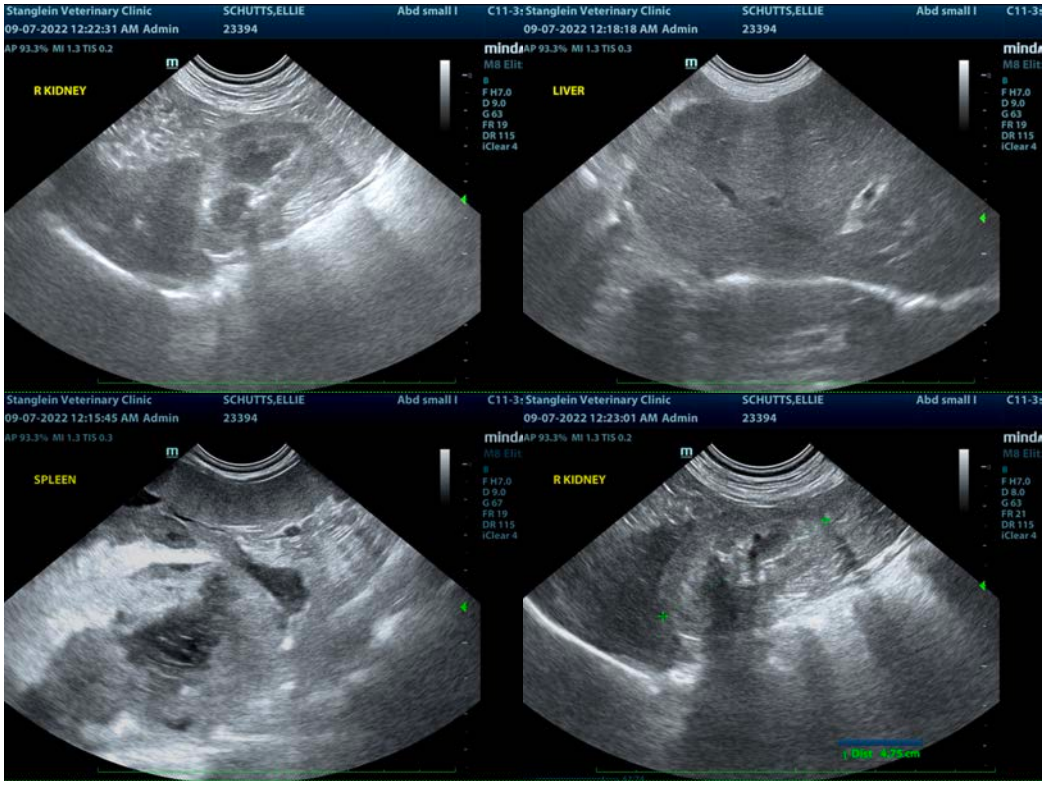
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Inflamed, precarious cystic splenic mass
- Geriatric abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious evidence of metastatic disease. Chest radiographs and rapid echocardiogram recommended to assess for concurrent metastatic disease, followed by immediate exploratory surgery. Hemangiosarcoma probable, histopathologically precarious benign hyperplasia possible, round cell neoplasia unlikely. Guarded prognosis.



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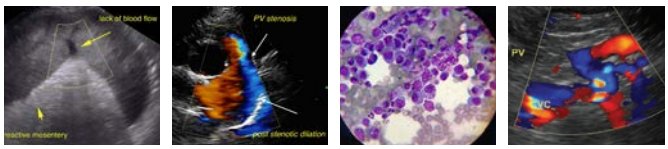

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com