

**PATIENT PRESENTING CLINICAL SIGNS**

**Tucker Davis** History: P has had some decreased appetite over the last week, anesthetized today for dental cleaning and extractions- on abdominal palpation spleen felt large and potentially folded. Proceeded with AbUS to rule out any additional reasons for decreased appetite No vomiting, no diarrhea, normal energy and activity.  
**SPECIES** Meds: Solliquin daily and started Fluoxetine 10mg daily

Canine

**BREED**

Abnormal PE/Chem/CBC/UA Results: August senior panel, accuplex, pt/ptt was WNL except Precision PSL 168, PLT 475. UA still pending.

Shepherd Mix

**SEX**

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**Neutered Male** The urinary bladder was normal in size and shape. The serosal and mucosal surfaces were smooth and curvilinear. The bladder wall was normal in thickness for the volume of urine present. The urine was anechoic with no visible sediment or uroliths. The ureters were not visible, which is normal. The trigone was normal. The pelvic urethra was visualized to a depth of 1.00 cm post-prostate.

**AGE**

11 years

**WEIGHT**

The residual prostate was visualized and found to be normal in size (1.10 cm in width) and echogenicity.

54 lbs

Both kidneys were of a normal size, shape, and position. The capsule was mildly irregular with no capsular expansion. There was mild increase in cortical echotexture. A slightly asymmetrical 1:3 cortex to medulla ratio was present, with a mild loss of corticomedullary distinction. These changes are largely as expected for the age of the patient. There was no pelvic dilation. The left kidney measured 5.80 cm in length. The right kidney measured 6.30 cm in length.

**INTERPRETED BY**

Karen Ebersole, DVM,  
DABVP (Canine and  
Feline)

The iliac trifurcation was visualized and evaluated with color doppler. There was normal vascular perfusion with no evidence of thrombus formation. There was no iliac lymphadenopathy.

**IMAGING**

**PERFORMED BY**

Carly Pate

**Adrenal Glands**

Both adrenal glands were normal in size. There was an overall normal shape, with mild capsular irregularity and mild heterogenous parenchyma. The changes were mild with no suspicion of neoplasia. The left adrenal gland measured 6.00 mm width at the caudal pole and 4.00 mm width at the cranial pole. The right adrenal measured 7.00 mm at the caudal pole and 17.00 mm at the cranial pole.

**HOSPITAL NAME**

VCA McKenzie AH

**Spleen**

The spleen was mildly increased in size with a smooth capsule contour. The spleen folded on itself in the midabdomen, which is not pathological. The parenchyma was finely textured throughout with no overt masses or nodules. The splenic hilus was normal on examination with power doppler. There was no suggestion of a mass or infiltrative disease in the spleen. This is likely a normal presentation for a German Shepherd.

**REFERRING VET**

Dr. Arpaia

**INVOICE**

**Liver/Gallbladder**

14212

The liver was subjectively normal in size with mildly irregular capsule contour. The hepatic parenchyma was mildly heterogenous with moderate coarse echotexture. The parenchymal changes are subjectively benign remodeling and likely represent an aging change. The hepatic vasculature was normal in volume and structure. The gall bladder was mildly distended with suspended echogenic congealed bile. The sludge appeared mobile and gravity-dependent. The cystic and common bile ducts were normal with no evidence of obstruction or inflammation.

**DATE**

8.23.23

**Gastrointestinal**

The stomach was largely empty with normal size shape and position. The stomach wall was normal in thickness and maintained appropriate layering. The small intestine displayed normal curvilinear patterns



**PATIENT**

throughout. Subjectively normal wall thickness and layering was maintained. Normal peristalsis was present. The visible colon wall was normal in thickness and layering, there were no visible masses or focal lesions. The stomach wall measured 4.00 mm in thickness. The small intestine measured 4.00 – 6.00 mm wall thickness, which is normal.

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**Pancreas**

The left pancreas was isoechoic to the surrounding mesentery with normal size, shape and capsule contour. There was no evidence of inflammation or masses within the right and left limbs or body of the pancreas. The pancreatic duct was curvilinear without notable deviation. The base of the right pancreas displayed a mild increase in size with mild capsule irregular and heterogenous parenchyma. There may have been mild mesenteric inflammation around the base of the pancreas.

**FINDINGS**

- Mild aging changes in both kidneys
- Moderate gall bladder sludge, non-mucocele
- Mild right limb pancreatitis

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The decreased appetite could be from low-grade right limb pancreatitis.

The spleen is considered normal for a German Shepherd, which commonly have larger spleens. The spleen showed no masses or suspicion of infiltrative neoplasia.

The gall bladder sludge may be normal, but is worth rechecking in about a month's time, and the right pancreas can be rechecked at that time as well. Both of these changes are mild, but if the dog is not eating as well, it could be addressed with Ursodiol and rechecking in a month.





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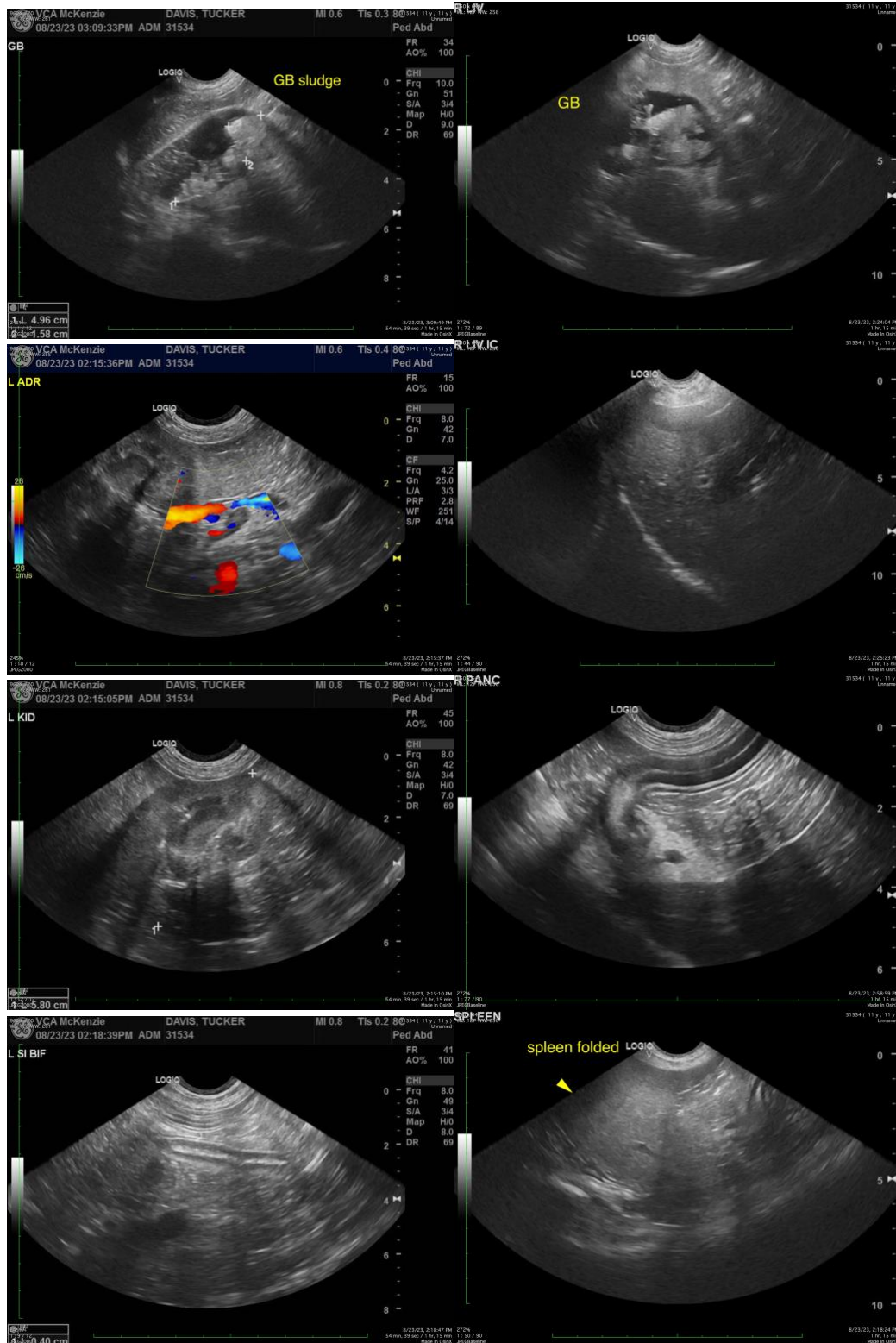
Dr. Arpaia

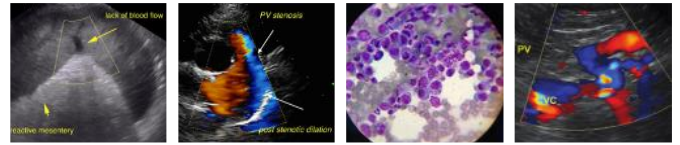
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Tucker Davis

**SPECIES**

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.

Canine

**BREED**

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info@SonoPath.com

Shepherd Mix

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