



PATIENT

Sasha Burgos

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

13 ½ years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

Dr. Oberer Gerber

INVOICE

71123

DATE

2/2/26

PRESENTING CLINICAL SIGNS

- Degenerative valve disease; mild mitral and tricuspid valves
- HX: pyometra, mature spay
- HX: 3 masses noted intra-op. ~6mm mass LEFT cranial mammary gland + ~4mm mass LEFT cranial mammary gland, ~2mm mass midline just cranial to the umbilicus.
- 1/12/26 CBC -RBC HCT WNL, decreased MCV and increased MCH, which has been historic in p. Exp fo rthis may include iron deficiency, liver disease/shunt, vitamin B6 deficiency, abnormal RBC morphology (IE fragmented RBC or spherocytes). -WBC NSF
- -PLT persistently increased = 528 -- in similar ballpark to prev. Exp include increased production (inflammation), neoplasia, iron deficiency, rebound, stress-induced, other.
- Chem: BG NSF, KES NSF, e-lytes NSF, proteins NSF, LES NSF
- T4 WNL
- 4dx negx4
- serum iron WNL -- no evidence of iron deficiency
- PT/PTT WNL
- Xrasy to IDX 1/12/26 CONCLUSIONS: A mild left atrial enlargement is consistent with the reported mitral valvular insufficiency. There is no evidence of left-sided congestive heart failure at this time. The similar mild diffuse bronchial pattern may represent age-related changes or inflammatory/allergic airway disease though an infectious component (bacterial bronchitis) is not ruled out. There is nonspecific mild generalized hepatomegaly which may be attributed to non-neoplastic etiologies or neoplasia (e.g. LSA or metastatic neoplasia from unknown primary). The mineral structure in the right dorsal lumbosacral subcutis may represent a mineralized granuloma or neoplasia.
- Abnormal PE/Chem/CBC/UA Results: BAR. No obvious masses palpable in ABD. Enlarged liver noted on recent AXR -- recommend sampling today to ensure no evidence of neoplasia. 2/6 HM loudest on left. Ddx = mild degenerative valve disease in mitral & tricuspid valves per echo from 10/2025. Lungs clear bilaterally. Hooded vulva. NO obvious discharge coming from vulva. Suspect generalized OA. Quarter sized SQ mass RIGHT lumbosacral area (this mass had minierization in it on recent rads and FNA was recommended. G4 dental disease with numerous missing teeth. BP = 120mmHg today ECG = NSF Hepatomegaly per recent rads -- US-guided FNA = pending Mineralized SQ mass right lumbosacral area = FNA = pending Splenic mass -- US-guided FNA = pending

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. A trace amount of sand was noted, grouping of which measured 1.0 cm and was non-obstructive at the time of the sonogram. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.05 cm. The right kidney measured 3.64 cm.



PATIENT

Sasha Burgos

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

13 ½ years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

Dr. Oberer Gerber

INVOICE

71123

DATE

2/2/26

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.

Spleen

The **spleen** revealed a focal, hypoechoic nodule in the mid cranial body measuring 1.7 x 0.88 cm. There was some cavitation noted to the splenic nodule. The splenic nodule impinges upon the capsule with capsular expansion.

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 was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

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.

ULTRASONOGRAPHIC FINDINGS

Splenic nodule.

Geriatric abdomen.



PATIENT

Sasha Burgos

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

13 ½ years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

Dr. Oberer Gerber

INVOICE

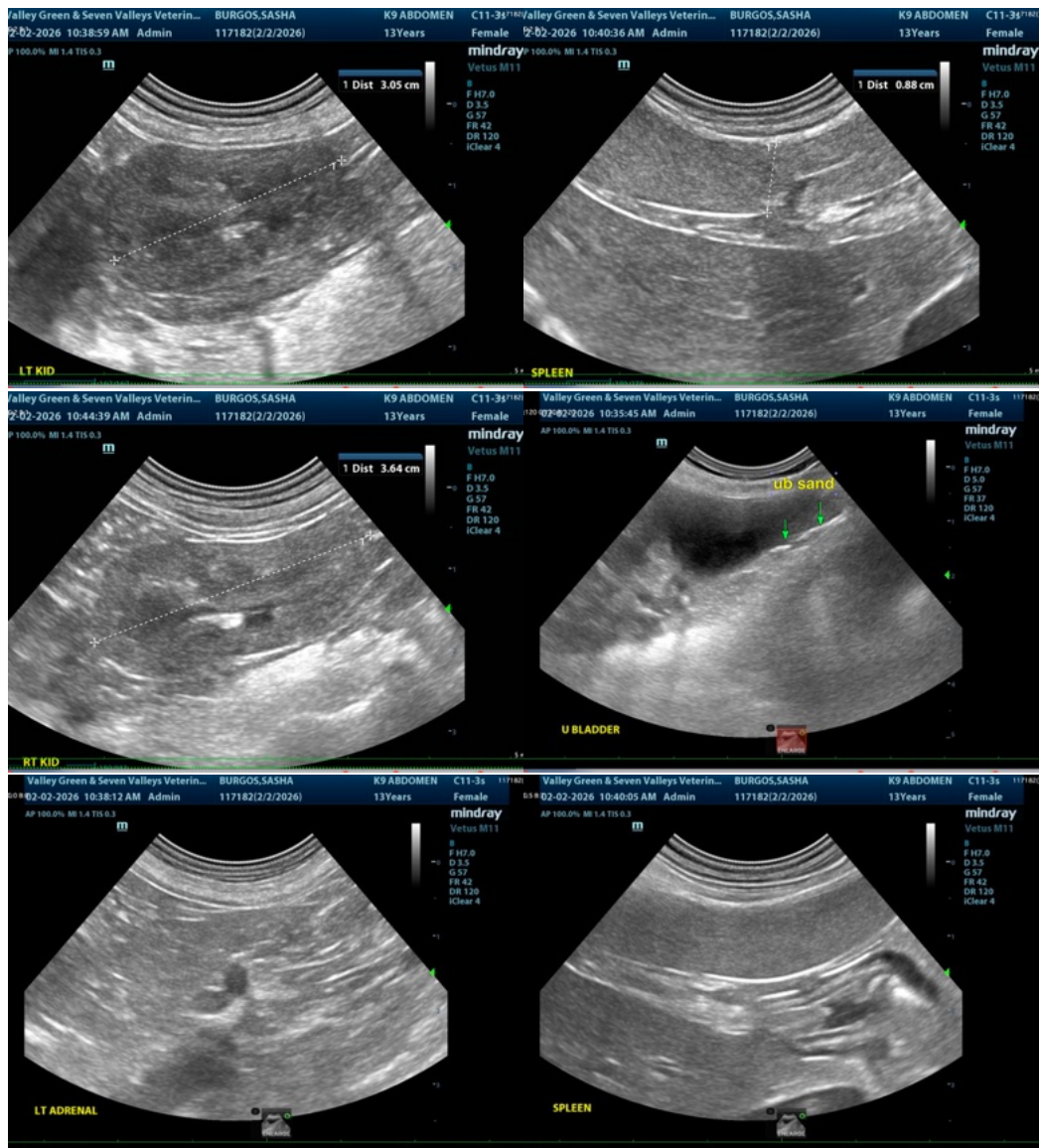
71123

DATE

2/2/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA of the spleen was performed without complication. Differentials include emerging hemangiosarcoma, round cell neoplasia and hyperplasia. There is a strong concern for a neoplastic process. I recommend proactive splenectomy if chest radiographs and rapid echocardiogram are benign.





PATIENT

Sasha Burgos

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

13 ½ years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

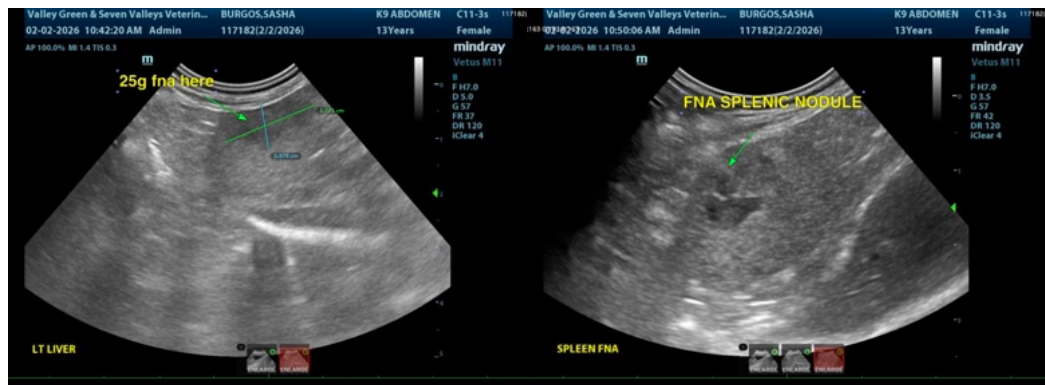
Dr. Oberer Gerber

INVOICE

71123

DATE

2/2/26



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 of SonoPath.com

info@SonoPath.com