



## PATIENT PRESENTING CLINICAL SIGNS

Puppy Landou  
Ultrasound in house shows numerous hypoechoic structures over spleen  
Abnormal PE/Chem/CBC/UA Results: Current Medications Carprofen 25mg, 1/2 tab BID

## SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **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 3.0 cm beyond the cystourethral junction. The residual prostate measured 5.0 mm.

## BREED

Toy Poodle

## SEX

Neutered Male

## AGE

13 Years

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 and no evidence of pelvic dilation was present. Multifocal mineralizations noted. The left kidney measured 4.11 cm. Blood flow to the kidneys appeared adequate on color flow assessment.

## Adrenal Glands

## WEIGHT

15 Pounds

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 right adrenal gland measured 1.89 cm x 0.61 cm at the caudal pole and 0.44 cm at the cranial pole. The left adrenal gland measured 2.03 cm x 0.2 cm at the caudal pole and 0.57 cm at the cranial pole.

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

## Spleen

The **spleen** presented multifocal hyperechoic lipogranulomatous nodules, typically benign. No significant disruption of architecture or capsular expansion.

## IMAGING PERFORMED BY

Jenna Walsh, CVT

## 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.

## HOSPITAL NAME

Forest Valley VC

## REFERRING VET

Dr. Schiffgens

## 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.

## DATE

1/5/22

## INVOICE

33983



**PATIENT** *Pancreas*

Puppy Landou

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

**SPECIES**

Canine

**Heart**

**BREED**

Toy Poodle

Rapid view of the heart revealed no evident pathology.

**SEX**

Neutered Male

**ULTRASONOGRAPHIC FINDINGS**

- Lipogranulomatous splenic nodules
- Moderate degenerative renal changes with slight mineralization

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

13 Years

Largely expected changes for a geriatric abdomen.

**WEIGHT**

15 Pounds

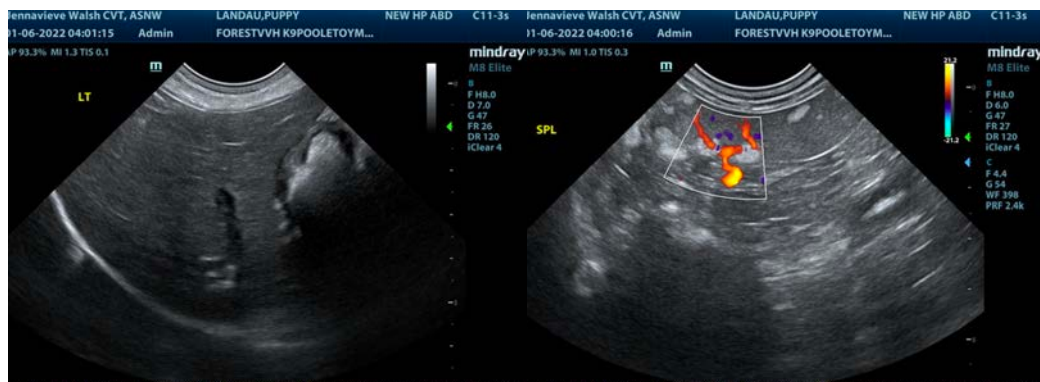


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**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

Forest Valley VC

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**PATIENT**

Puppy Landou

**SPECIES**

Canine

**BREED**

Toy Poodle

**SEX**

Neutered Male

**AGE**

13 Years

**WEIGHT**

15 Pounds

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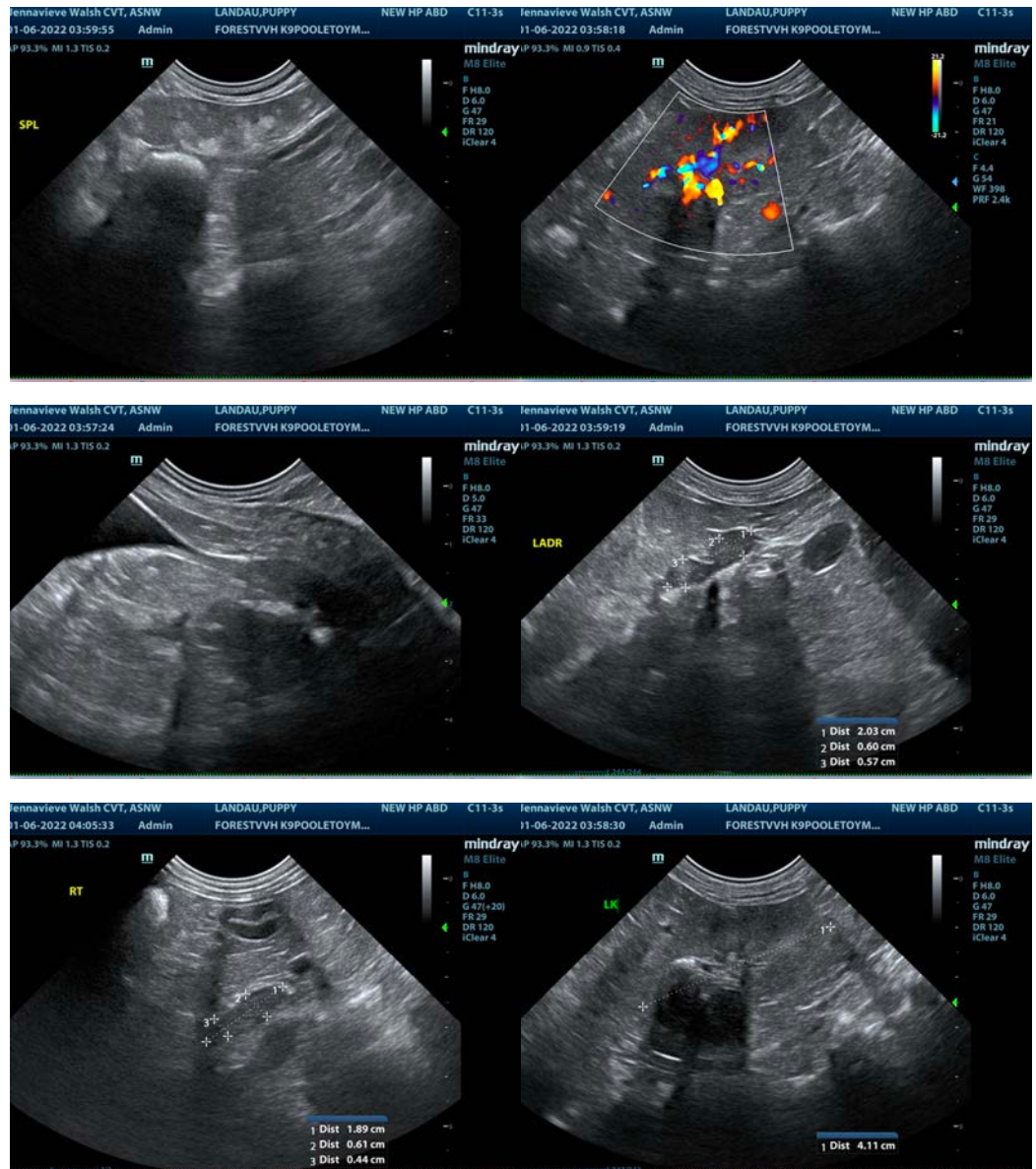
Dr. Schiffgens

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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.

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