

PATIENT

Calley Wilson

PRESENTING CLINICAL SIGNS

SPECIES

Canine

9.2.22: Talked with owner re options - More adrenal testing, CT scan, recheck US to see if any changes in mass or to see if surgery an option. Since dog initially came in for an anal gland mass, the adrenal findings are unusual and not symptomatic per owner. O would like to do repeat U/S with PAWS. BP readings: BP MAP BPM 99/75 91 145 100/72 89 83 168/148 161 136 164/88 101 85 132/94 105 128 99/75 85 93 123/76 86 67 119/58 82 61 AVERAGE of all * is 126/87 MAP (100)

BREED

Maltese X

Abnormal PE/Chem/CBC/UA Results: 8.11.22: WNL Abnormal Chemistry Values 8.11.22: Creatine Kinase 228 (10-200) All else WNL

SEX

Spayed Female

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

AGE

7 Years 6 Months

The left kidney has a normal shape and size (4.1 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

21.6 Pounds

The right kidney has a normal shape and size (4.54 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

Adrenal Glands

The left adrenal gland is normal in size measuring 0.43 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

IMAGING BY

Loetitia Saint-Jacques,
LVT

The right adrenal gland is large and irregular. The cranial pole measures 1.8 cm, caudal pole measures 0.55 cm, and length measures 2.91 cm. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is abnormal in appearance in that the cranial pole is rounded with hyperechoic regions within the enlarged adrenal gland. This is most consistent with an adrenal mass. Additionally, there is impingement on the caudal vena cava but no evidence of invasion. Previous measurements from 8/11/22 were 1.78 cm at the cranial pole, 0.58 cm at the caudal pole, and 2.89 cm in length). The size of the adrenal gland is stable from the previous exam.

HOSPITAL NAME

FourPaws AC

REFERRING VET

Dr. Sue Lester

Spleen

The spleen is subjectively normal in size. The spleen echotexture is heterogenous and mildly mottled, the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

INVOICE

41518

DATE

9/21/22



PATIENT

Calley Wilson **Liver**

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

SPECIES

Canine

The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are mild and primarily anechoic. The cystic and common bile ducts are normal/not visible.

BREED

Maltese X

Gastrointestinal

The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

SEX

Spayed Female

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (between 0.3-0.5cm in wall thickness) and the jejunum measured as normal (between 0.2-0.47cm.) Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

AGE

7 Years 6 Months

WEIGHT

21.6 Pounds

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

Pancreas

The pancreas is prominent and mottled compared to the surrounding isoechoic mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion. No significant lymph node enlargement visualized. The left sublumbar lymph node measures at 0.51 cm and is isoechoic and normal in shape (previous measurement at 0.67 cm). The right sublumbar lymph node measures 0.53 cm. It is isoechoic and normal in shape. Previous measurement was 0.25 cm. Two mesenteric lymph nodes are measured at 0.36 cm and 0.32 cm. The omentum is of normal echogenicity.

IMAGING BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

FourPaws AC

PRIMARY FINDINGS

- Right-sided adrenal mass- This lesion is relatively stable in size.
- Mottled spleen - The diffuse splenic changes are non-specific and could be consistent with lymphoid hyperplasia, extramedullary hematopoiesis, infiltrative neoplasia, inflammation, other. Cytology or histopathology would be necessary to get a definitive diagnosis.

REFERRING VET

Dr. Sue Lester

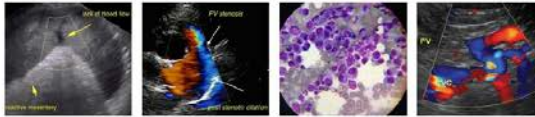
INVOICE

41518

SECONDARY FINDINGS

DATE

9/21/22



PATIENT

Calley Wilson

SPECIES

Canine

BREED

Maltese X

SEX

Spayed Female

AGE

7 Years 6 Months

WEIGHT

21.6 Pounds

- Prominent, mottled pancreas – The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.

- Visible but normal sublumbar and mesenteric lymph nodes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Today's scan is relatively similar to the previous scan performed 8/11/22. The right adrenal mass is fairly stable in size. Options moving forward include surgical removal +/- a contrast CT scan to better delineate the adrenal gland or continued monitoring with ultrasound. This lesion is likely a good candidate for adrenalectomy.

There has been no progression or enlargement of the sublumbar lymph nodes. They remain static and appear relatively benign.

The spleen is mildly mottled with occasional ill-defined hypoechoic regions. This appears stable. A fine needle aspirate would be necessary to obtain more information.

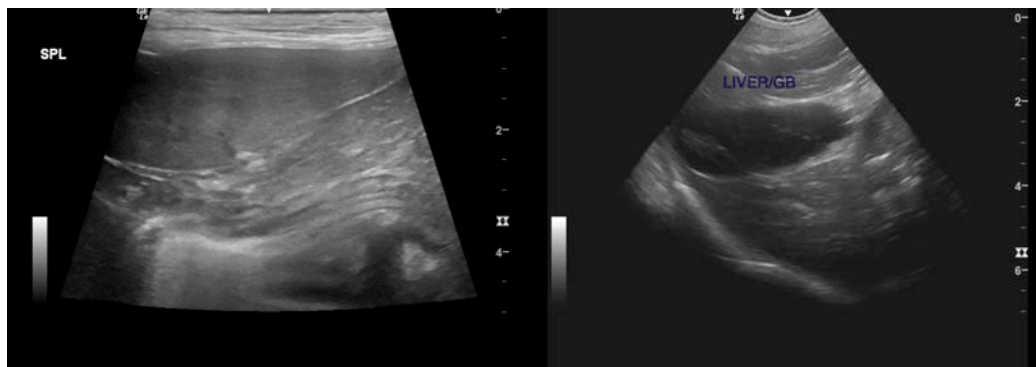
Based on the history provided, there are minimal symptoms consistent with Cushing's disease present, so this may be a non-secretory mass. From that point, the decision is whether to consider surgical removal. If surgery is not an option, continued monitoring with ultrasound could be considered (recheck in approximately 2-3 months, sooner if concerned).

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING BY

Loetitia Saint-Jacques,
LVT



HOSPITAL NAME

FourPaws AC

REFERRING VET

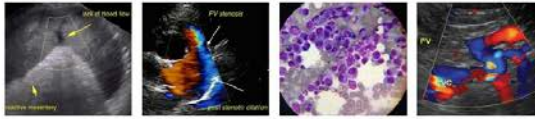
Dr. Sue Lester

INVOICE

41518

DATE

9/21/22



PATIENT

Calley Wilson

SPECIES

Canine

BREED

Maltese X

SEX

Spayed Female

AGE

7 Years 6 Months

WEIGHT

21.6 Pounds

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

FourPaws AC

REFERRING VET

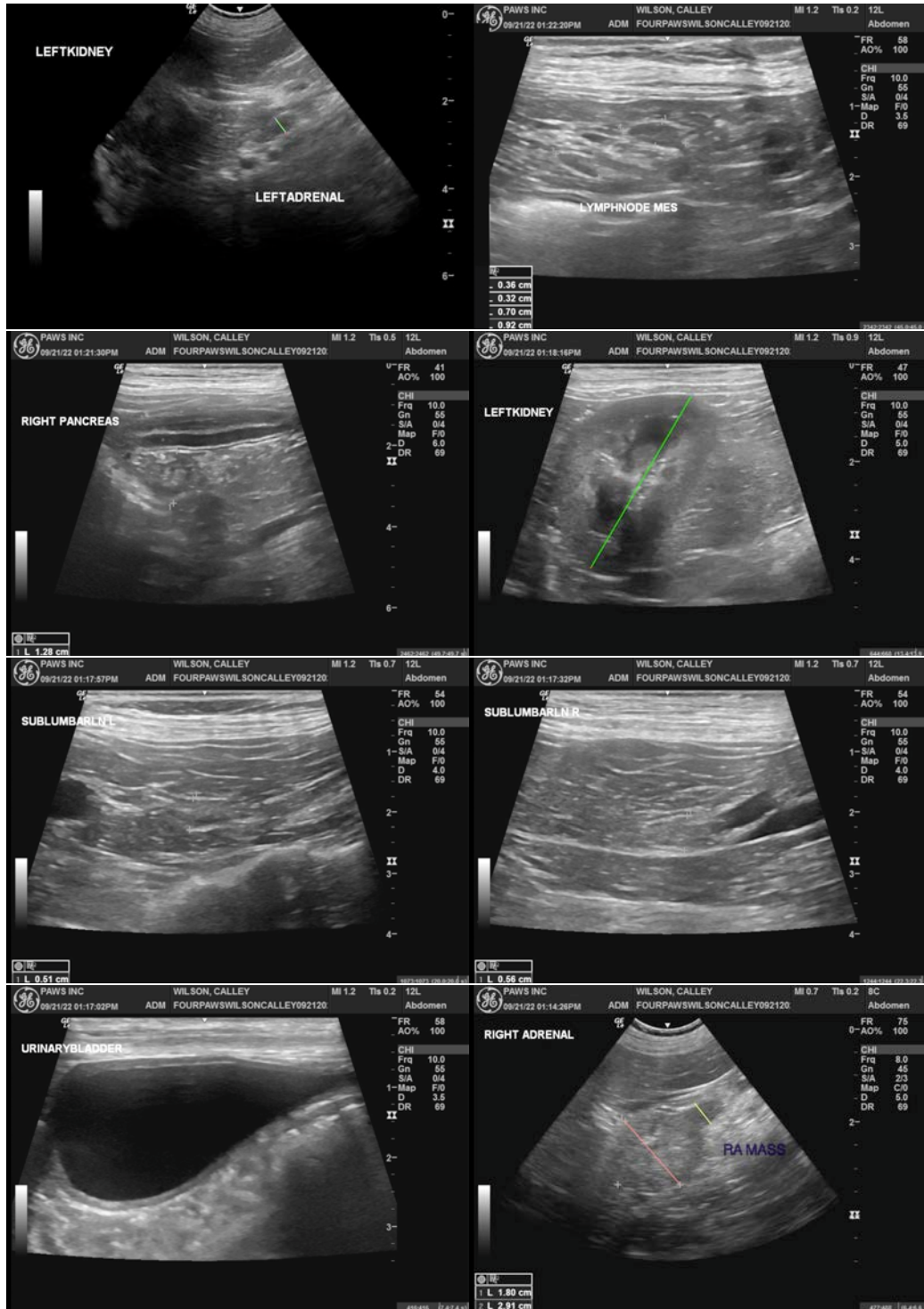
Dr. Sue Lester

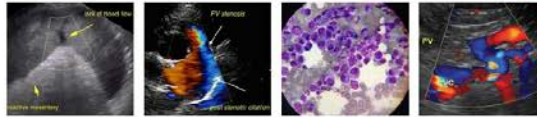
INVOICE

41518

DATE

9/21/22





PATIENT

Calley Wilson

SPECIES

Canine

BREED

Maltese X

SEX

Spayed Female

AGE

7 Years 6 Months

WEIGHT

21.6 Pounds

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

FourPaws AC

REFERRING VET

Dr. Sue Lester

INVOICE

41518

DATE

9/21/22



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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)
kathleen.sennello@sonopath.com