



PATIENT PRESENTING CLINICAL SIGNS

Autumn Cifaretto

History: periodic lameness; UPC elevated. On Denamarin, gabapentin today for scan.
Abnormal PE/Chem/CBC/UA Results: ALKP 3035, trig 458, precision PSL 184; UA: pH 8.0, USPG 1.012

SPECIES

Canine

BREED

Mix

SEX

Spayed female

AGE

7 years

WEIGHT

71.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Hallihan

INVOICE

42529

DATE

2/2/23

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.24 cm. The right kidney measured 7.67 cm.

Adrenal Glands

The left **adrenal gland** was uniform and measured 2.41 x 0.59 cm at the caudal pole and 0.62 cm at the cranial pole. The right adrenal gland was heterogenous and mildly enlarged at the cranial pole measuring 2.13 cm, 0.72 cm at the caudal pole and 2.92 cm in length.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially and was uniformly enlarged. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** revealed coarse architecture with uniform enlargement. The liver revealed mild swelling. The gallbladder and common bile duct were unremarkable.

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.



PATIENT

Pancreas

Autumn Cifaretto

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.

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ULTRASONOGRAPHIC FINDINGS

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Mix

Irregular right adrenal gland. No evidence of caval invasion. However, the right adrenal gland should be monitored. Likely hyperplasia with a potential for emerging carcinoma or pheochromocytoma.

Benign hepatopathy.

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

7 years

Serial blood pressure measurements are recommended. If hypertension is present then urine catecholamine is indicated. FNA of the liver can be considered for further definition. If the patient appears Cushingoid then work-up for adrenal dependent Cushing's is indicated.

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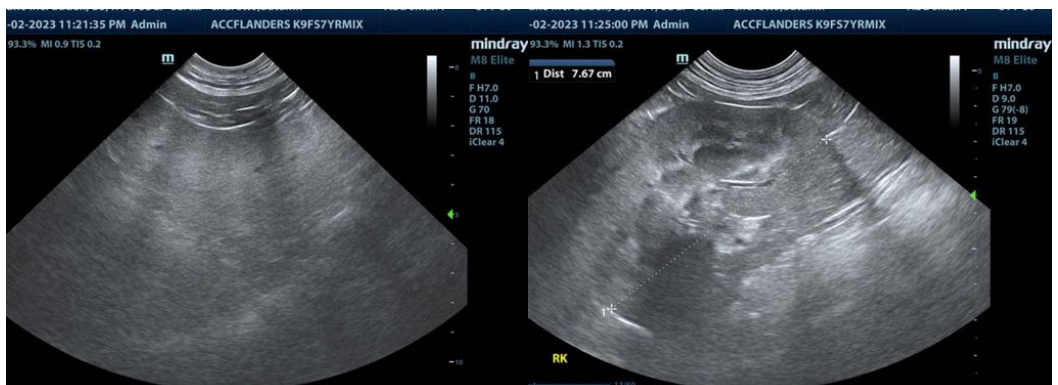
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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