



PATIENT PRESENTING CLINICAL SIGNS

Dayse Christopher History: Right sided retropharyngeal mass – cytology non-diagnostic. C6-7 CVDD, OA, urinary incontinence. Currently not doing well and low in energy.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Anemia, band neutrophilia, monocytosis.

Yorkshire terrier Serum Biochemistry: Azotemia, mildly elevated ALP enzyme activity.

SEX Radiographic Findings: No lymphadenopathy or obvious metastatic disease, dynamic tracheal collapse, narrowed cervical vertebrae, mild hepatomegaly.

FS

AGE ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

14 years **Urinary System**

WEIGHT Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths present.

7.8 # Normal trigone area, proximal urethra, and iliac blood vessels.

INTERPRETED BY Normal iliac lymph nodes. Ureters not visualized.

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ECVIM

Normal renal size (left 2.8 cm, right 3.6 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule. Large cyst-like structure on the cranial pole of the left kidney containing cellular and hyperechogenic sediment.

IMAGING PERFORMED BY **Reproductive System**

N/A.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.98 x 0.44 cm, right 0.68 x 0.25 cm.

Spleen

Normal size and echogenic appearance. Multiple isoechogenic parenchymal masses in the head (2.2 x 2.6 cm), body (0.8 x 2.2 cm), and tail (2.2 x 2.9 cm) of the spleen with resultant bulging of the overlying capsule. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature.

INVOICE **Liver**

303358

DATE Normal size with a diffuse mottled echogenic appearance, some loss of portal markings, and curvilinear capsule. No nodules evident. Focal parenchymal mottled echogenic mass (1.3 x 1.8 cm). Full gall bladder containing moderate amount of non-adherent and adherent hyperechogenic sediment in a stellate pattern. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

8/30/22



PATIENT *Gastrointestinal*

Dayse Christopher Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

SPECIES *Pancreas*

Canine Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED *Free Abdomen*

Yorkshire terrier No mesenteric lymphadenomegaly.
No ascites.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

AGE

14 years

Primary Findings:

- Hepatopathy.
- Hepatic nodule.
- Splenic masses.
- Renal disease.
- Left renal cyst

WEIGHT

7.8 #

INTERPRETED BY

Secondary Findings:

- Emerging mucocele.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Etiologies for the hepatopathy would be reactive, hyperplasia, vacuolar, nodular regeneration, and chronic hepatitis.

Dr Megan Cassels-Conway,
DVM

Etiologies for the hepatic nodule would be nodular regeneration, granuloma, abscess, hematoma, and neoplasia.

HOSPITAL NAME

Central Broward Animal
Hospital

Etiologies for the splenic masses would be neoplasia, granulomas, and hematomas.

REFERRING VET

Dr Oms, DVM

The appearance of the kidneys is consistent with chronic kidney disease. Although the cysts may merely be an incidental cyst, with the cellular and hyperechogenic sediment, abscessation needs to be considered.

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Further assessment would be urinalysis, blood pressure, FNA cytology of the liver, hepatic nodule and splenic masses, and possibly percutaneous draining of the renal cyst for cytology and culture.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Dayse Christopher

Gall bladder

SPECIES

Canine

BREED

Yorkshire terrier

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FS

AGE

14 years

WEIGHT

7.8 #

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Liver

IMAGING PERFORMED BY

Dr Megan Cassels-Conway,
DVM

HOSPITAL NAME

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REFERRING VET

Dr Oms, DVM

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PATIENT Spleen

Dayse Christopher

SPECIES

Canine

BREED

Yorkshire terrier

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FS

AGE

14 years

WEIGHT

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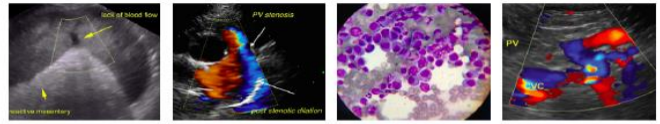
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PATIENT **Left kidney**

Dayse Christopher

SPECIES

Canine

BREED

Yorkshire terrier

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AGE

14 years

WEIGHT

7.8 #

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IMAGING PERFORMED BY

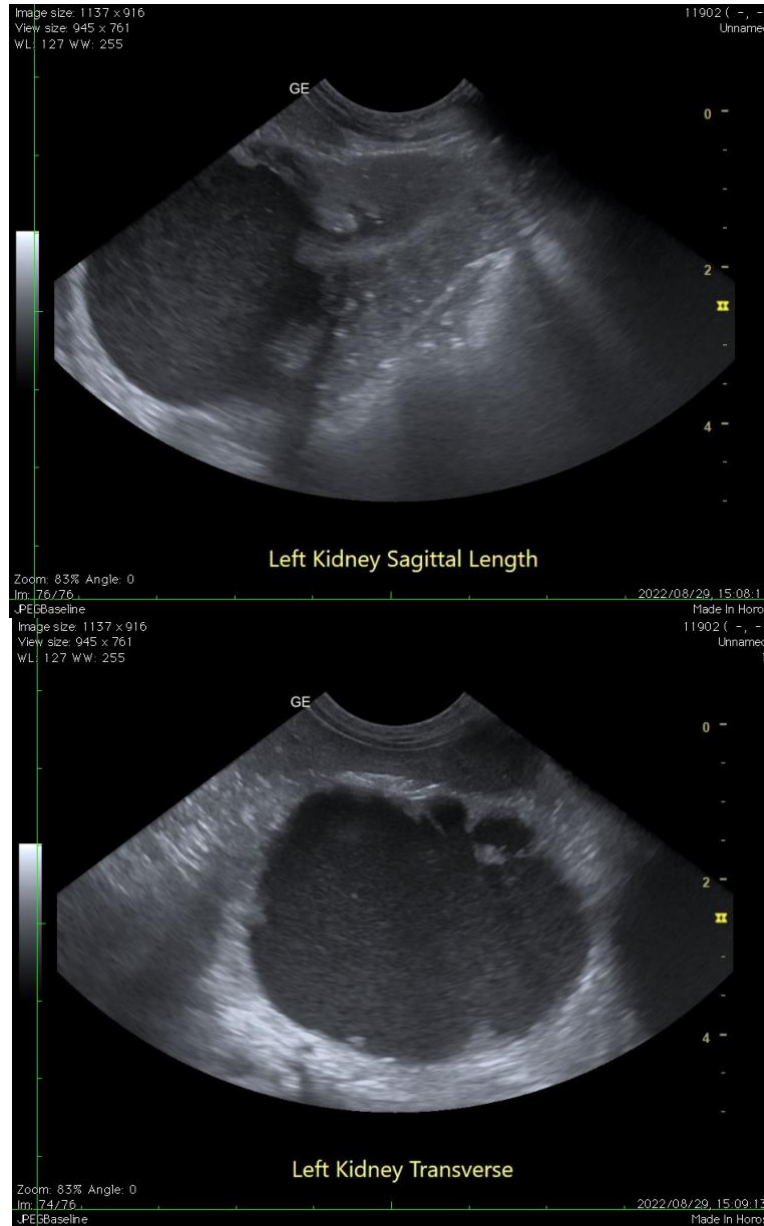
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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