

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Oberon Lowe
SPECIES Canine
BREED Chihuahua
SEX MN
AGE 12 years
WEIGHT 8.3 #

History: Heart disease with progressive coughing.
 Physical Examination: Pulmonary crackles, grade V/VI heart murmur, normal pulses. Echocardiogram pending.
 Urinalysis: N/A.
 CBC: Mild anemia, monocytosis.
 Serum Biochemistry: Elevated proteins and urea, top normal creatinine.
 Radiographic Findings: Generalized cardiomegaly, normal lungs.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.6 cm, right 3.7 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule. Normal right pelvis, left pyelectasia.

Reproductive System

Enlarged prostate (1.2 x 1.4 cm) with a mottled echogenic appearance, regular capsule, and few mineralized foci. Normal appearance of the peri-prostatic tissue.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.18 x 0.47 cm, right 1.26 x 0.5 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings, and curvilinear capsule. Focal hyperechogenic parenchymal nodule (0.8 x 0.9 cm) in the cranial left lobe. No masses evident. Full gall bladder containing moderate amount of hyperechogenic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

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.

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
ECVIM

IMAGING PERFORMED BY

Dr Megan Cassels-Conway,
DVM

HOSPITAL NAME

Central Broward Animal
Hospital

REFERRING VET

Dr Oms, DVM

INVOICE

303882

DATE

2/10/23



PATIENT *Pancreas*

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

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Chihuahua **ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

SEX

MN

- Renal disease vs age-related renal changes.
- Prostatemegaly.

AGE

12 years

Secondary Findings:

- Gall bladder sediment.
- Hepatic nodule.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Although the appearance of the kidneys would be consistent with age-related changes, chronic kidney disease, bacterial nephritis, and pyelonephritis needs to be considered.

The appearance of the prostate is suspicious for early neoplasia with prostatitis a differential diagnosis.

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Although the gall bladder sediment is most likely an incidental finding, monitoring for the development of a mucocele would be recommended.

The hepatic nodule can be considered an incidental finding.

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Further assessment would be urinalysis, urine culture, UPC (if culture and sediment negative), and prostatic wash cytology.

Specific therapy would be dependent on an etiological diagnosis.

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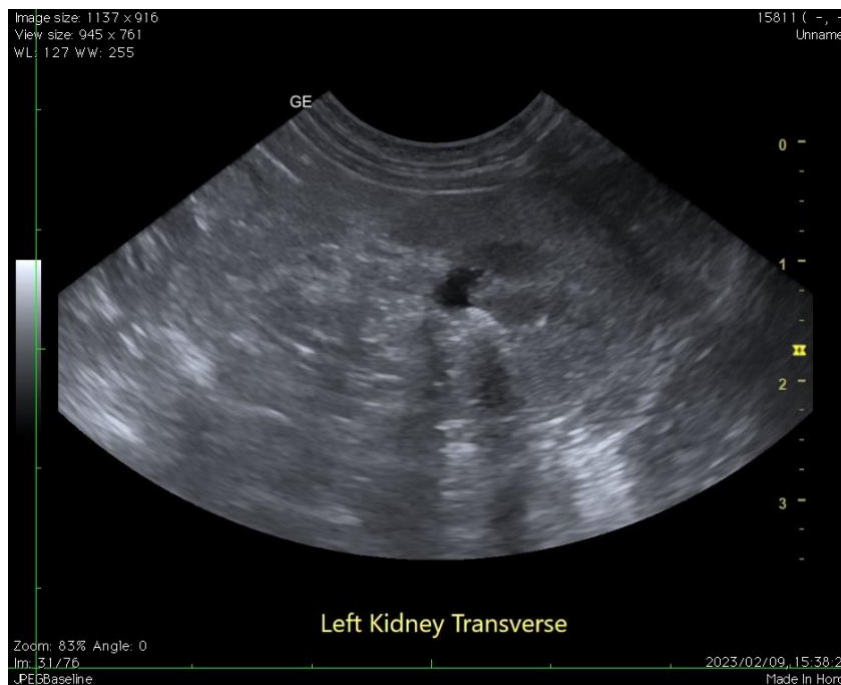
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IMAGES

Gall bladder



Left kidney





PATIENT

Prostate

Oberon Lowe

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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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