



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Nigel Shapiro History: Ultrasound before surgery for mass removal.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Elevated ALP activity.

Beagle Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN *Urinary System*

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

13 years Normal trigone area, proximal urethra (0.6 cm), and iliac blood vessels.

WEIGHT Normal iliac lymph nodes (1 cm). Ureters not visualized.

25 # Normal renal size (left 4.4 cm, right 4.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

INTERPRETED BY *Reproductive System*

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM Small hypoechogenic prostate (1.1 cm).

IMAGING PERFORMED BY *Adrenal Glands*

Sonya Myers, DVM Normal position, echogenic appearance, shape, and size. Left 0.66/0.56 cm, right 0.7 cm. Poorly defined hyperechogenic parenchymal nodule (0.9 x 1.4 cm) in the cranial pole of the right gland.

HOSPITAL NAME *Spleen*

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

REFERRING VET *Liver*

Dr Kaufman Enlarged with rounded edges, coarse echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident.

INVOICE

304058 *Gall bladder*

DATE Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).

3/30/23



PATIENT *Gastrointestinal*

Nigel Shapiro Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.39 cm, duodenum 0.45 cm, jejunum 0.36 cm, colon 0.15 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Canine

Pancreas

BREED

Normal size (left 1.1 cm, right 1.3 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Beagle

Free Abdomen

SEX

Normal mesenteric lymph nodes (0.7 cm).
No ascites evident.

MN

Age

ULTRASONOGRAPHIC FINDINGS

13 years

Primary Findings:

WEIGHT

- Hepatopathy.
- Right adrenal nodule.

25 #

Secondary Findings:

INTERPRETED BY

- Age-related renal changes.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies of the hepatopathy would be reactive, hyperplasia, metabolic, age-related, chronic hepatitis, and infiltrative neoplasia.

Etiologies for the adrenal nodule would be incidental non-functional adenoma, functional adenoma, and emerging carcinoma (functional/non-functional).

Further assessment would be urinalysis, FNA cytology of the liver, and adrenal function testing (ACTH stimulation/LDDS test) if there are compatible clinical signs of Cushing's disease. Ultrasound monitoring of the right adrenal gland every 3-6 months would be recommended.

Specific therapy would be dependent on an etiological diagnosis.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Banfield Colonial Town Park

REFERRING VET

Dr Kaufman

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PATIENT IMAGES

Nigel Shapiro **Liver**

SPECIES

Canine

BREED

Beagle

SEX

MN

Age

13 years

WEIGHT

25 #



Right adrenal gland

INTERPRETED 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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