



PATIENT PRESENTING CLINICAL SIGNS

Elvis Wilkick History: azotemia, Na: K 18.7, dehydrated, anorexia
Abnormal PE/Chem/CBC/UA Results: ACTH stim pending improved with steroid and IVF

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

The urinary bladder is full, with a normal thickness (0.10 cm) and smooth appearance of the wall. Normal anechoic urine with no sediment evident. Multiple, small uroliths (up to 0.80 cm in size) present.

BREED

Shih Tzu Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

SEX

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Neutered Male

Normal renal size (left kidney 4.30 cm) (right kidney 4.20 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

AGE

8 years

Reproductive System

Small hypoechoic prostate (1.00 cm).

WEIGHT

8.8 kg

Adrenal Glands

Normal echogenic appearance, position, and appearance of the visible peri-renal vasculature. Small in size and dorsoventrally flattened. The left adrenal gland measured 0.23 cm. The right adrenal gland measured 0.27 cm.

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
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Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

IMAGING PERFORMED BY

Lisa Bancroft

Gallbladder

The gallbladder is full, containing a moderate amount of adherent hyperechogenic sediment, thickened (0.50 cm), with hyperechogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

HOSPITAL NAME

Mobile Vet Imaging

Gastrointestinal

Normal appearance of the stomach, duodenum (0.28 cm), jejunum (0.31 cm) small intestine, ileo-cecal junction, and colon (0.10 cm) with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

REFERRING VET

Cail

Pancreas

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

INVOICE

13502

Free Abdomen

Normal mesenteric lymph nodes.

DATE

6.27.23



PATIENT

No ascites evident.

Elvis Wilkick

ULTRASONOGRAPHIC FINDINGS

SPECIES

Primary Findings

- Canine
 - Small adrenal glands
 - Cholecystitis

BREED

Secondary Findings

Shih Tzu

- Uroliths

SEX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutered Male

With the presenting clinical signs and the low sodium: potassium ratio, the appearance of the adrenal glands would be consistent with Addison's disease.

AGE

Further assessment of the uroliths would be urinalysis and urine culture.

8 years

Specific therapy would be dependent on the pending ACTH stimulation results.

WEIGHT

Management of the cholecystitis would be Ursodiol and possibly antibiotics (penicillins, cephalosporins, quinolones) with regular monitoring of the gallbladder, as well as liver enzyme activity and bilirubin. If there is no satisfactory improvement and/or deterioration, then a cholecystectomy would be indicated.

8.8 kg

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PATIENT

Elvis Wilkick

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered Male

AGE

8 years

WEIGHT

8.8 kg



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.

INTERPRETED BY

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MMedVet (Med),
PhD, Dipl. ECVIM

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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