



PATIENT PRESENTING CLINICAL SIGNS

WILLOW BEGLEY History: Anorexia, weight loss, urinary incontinence that is non-responsive to stilbesterol.

SPECIES Physical Examination: N/A.

Canine Urinalysis: SG 1.018, proteinuria.

CBC: Neutropenia, lymphopenia.

BREED Serum Biochemistry: Hypercalcemia, hypophosphatemia, mildly elevated ALP activity. Low T4. Ionized calcium and PTH pending.

Spaniel Mix Radiographic Findings: N/A.

SEX

FS

Age

13 years

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.

WEIGHT

8.7 kg

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

Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size (left 4.5 cm, right 5 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Few small bilateral cortical cysts.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Sarah Barthelemy

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.49/0.55 cm, right 0.49 cm.

HOSPITAL NAME

Alpine 24 Hour Pet Hospital

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.

REFERRING VET

Dr Tathiana

Liver

INVOICE

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Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

DATE

12/23/22

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.

**PATIENT** *Pancreas*

Willow Begley

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

SPECIES *Free Abdomen*

Canine

No mesenteric lymphadenomegaly
No ascites.

BREED

Spaniel Mix

ULTRASONOGRAPHIC FINDINGS**SEX**

Primary Findings:

FS

- None.

Age

Secondary Findings:

13 years

- Age-related renal changes.

WEIGHT

8.7 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Normal ultrasound examination of the abdomen.

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From the history, a left caudal parathyroid enlargement was identified, which with the hypercalcemia and hypophosphatemia would be consistent with a functional parathyroid tumor, and most likely an adenoma.

Further assessment/therapy would be unilateral parathyroidectomy. UPC should be considered to quantify the proteinuria.

IMAGING PERFORMED BY

Dr Sarah Barthelemy

HOSPITAL NAME

Alpine 24 Hour Pet Hospital

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.

REFERRING VET

Dr Tathiana

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.

INVOICE

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