



PATIENT PRESENTING CLINICAL SIGNS

Max Noack History: PuPd past 9-12 months, polyphagia past 3 months. Some response with desmopressin.

SPECIES Physical Examination: Overweight.

Canine Urinalysis: Isosthenuria, elevated urine: cortisol ratio.

CBC: N/A.

BREED Serum Biochemistry: Normal. Exaggerated ACTH stimulation test – 3.1 to 20.8 ug/dL.

Germal shorthair pointer 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.

10 years

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

30.2 kg Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 6.8 cm, right 6.9 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.

IMAGING PERFORMED BY **Adrenal Glands**

Patti Mayfield, DVM Normal position with rounded shape and a hypoechogenic appearance. Normal size of the left gland (2.5 x 0.65/0.65cm), enlarged right gland (2.4 x 0.91/1.6 cm). Focal parenchymal mineralization of the right gland.

HOSPITAL NAME **Spleen**

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

REFERRING VET **Liver**

Emily Kent, DVM Normal size with a diffuse mottled echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

INVOICE **Gastrointestinal**

303797

DATE 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.

1/23/23



PATIENT *Pancreas*

Max Noack 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

Germal shorthair pointer

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Adrenomegaly.
- Hepatopathy.

SEX

MN

AGE

Secondary Findings:

- Age-related renal changes.

WEIGHT

30.2 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Based on the history, elevated urine: cortisol ratio, 6x elevated post ACTH cortisol level, and the ultrasound appearance of the liver and adrenal glands, a diagnosis of pituitary-dependent Cushing's disease can be made.

Further assessment that could be considered would be a LDDS suppression test.

Specific therapy would be either trilostane or Lysodren.

INTERPRETED BY

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

IMAGING PERFORMED BY

Patti Mayfield, DVM

HOSPITAL NAME

Sunriver Veterinary Clinic

REFERRING VET

Emily Kent, DVM

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PATIENT

Max Noack

SPECIES

Canine

BREED

Germal shorthair pointer

SEX

MN

AGE

10 years

WEIGHT

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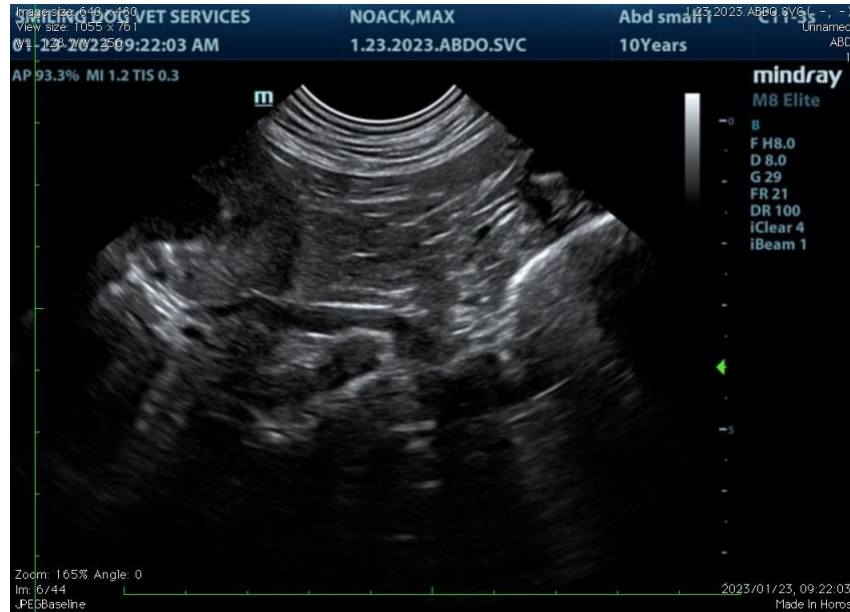
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DATE

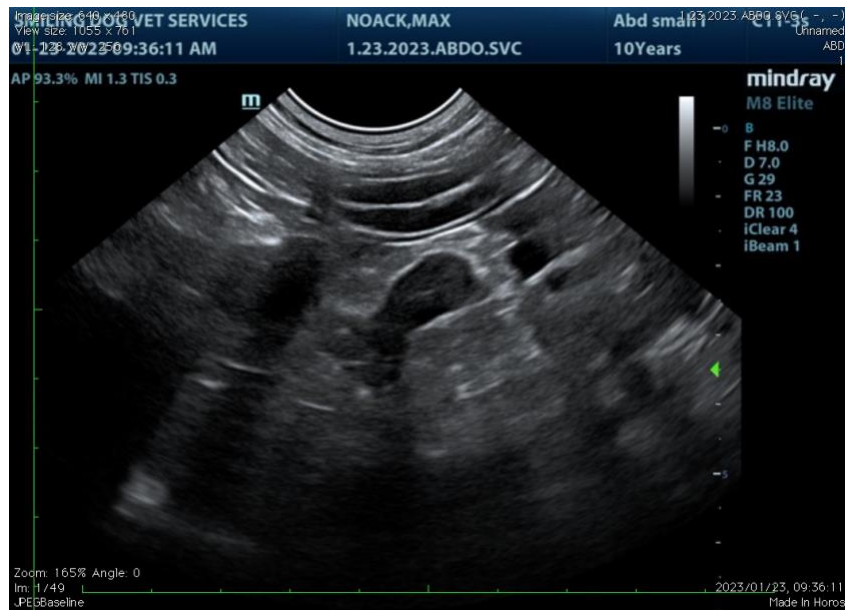
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IMAGES

Left adrenal gland



Right adrenal gland





PATIENT

Liver

Max Noack

SPECIES

Canine

BREED

Germal shorthair pointer

SEX

MN

AGE

10 years

WEIGHT

30.2 kg



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MMedVet (Med), PhD,
Dipl. ECVIM

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.

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