


PATIENT PRESENTING CLINICAL SIGNS

PATIENT Makalah Sanders History: Acute onset anorexia, vomiting and diarrhea with no response to therapy.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Hypoalbuminemia.

Golden retriever Radiographic Findings: N/A.

SEX

FS

Age

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

31 kg Normal iliac lymph nodes. Ureters not visualized.

Normal renal size, echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

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Reproductive System

N/A.

Adrenal Glands

Normal position, echogenic appearance but flattened and small in size.

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

Small size with normal echogenic appearance and 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.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristalsis, and no distension of the lumen. Fluid within the stomach.

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Dr Schwanebeck

HOSPITAL NAME

Animal Emergency Hospital
Deland

REFERRING VET

Dr Schwanebeck

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PATIENT *Pancreas*

Makalah Sanders

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

SPECIES
Free Abdomen

Canine

Mesenteric lymphadenomegaly with normal shape and echogenic appearance. No ascites evident.

BREED

Golden retriever

ULTRASONOGRAPHIC FINDINGS
SEX

Primary Findings:

FS

- Small adrenal glands.
- Mesenteric lymphadenomegaly.
- Small liver?

Age

6½ years

Secondary Findings:

WEIGHT

31 kg

- None.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
INTERPRETED BY

The appearance of the adrenal glands is suspicious for Addison's disease.

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MMedVet (Med), PhD, Dipl.
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Etiologies for the lymph nodes would be reactive and lymphadenitis, with infiltrative neoplasia a less likely differential diagnosis.

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Although the appearance of the liver may merely reflect a deep-chested dog, chronic liver disease needs to be considered.

HOSPITAL NAME

With the presenting clinical signs and if Addison's disease is excluded then non-specific enteritis (dietary indiscretion, toxins, viral) inflammatory bowel disease, parasitic enteritis, granulomatous enteritis, and dietary hypersensitivity needs to be considered.

Animal Emergency Hospital
Deland

Further assessment would be fecal analysis, bile acids, basal cortisol assay, cobalamin assay and possibly FNA cytology of the lymph nodes and endoscopy of the upper GI tract with biopsies.

REFERRING VET

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Makalah Sanders

SPECIES

Canine

BREED

Golden retriever

SEX

FS

Age

6½ years

WEIGHT

31 kg

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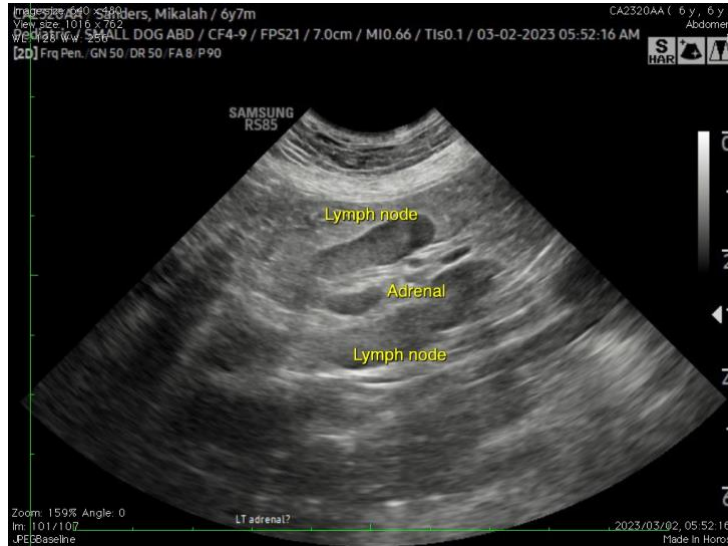
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IMAGES

Left adrenal



Mesenteric lymph nodes



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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