



**PATIENT PRESENTING CLINICAL SIGNS**

Sofie Schnackenberg History: Long duration of polyuria (years) with no polydipsia or polyphagia

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: SG 1.012, pH 8.5.

CBC: Normal.

**BREED** Serum Biochemistry: Normal.

Dachshund Radiographic Findings: N/A.

**SEX**

FS

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**AGE** *Urinary System*

10 years Small urinary bladder with a normal thickness and appearance the wall. Normal anechoic urine with no sediment or uroliths evident.

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

10# Normal iliac lymph nodes. Ureters not visualized.

**INTERPRETED BY** Normal renal size (3.5 cm, right 3.6 cm) with increased echogenic appearance, some loss cortico-medullary differentiation, and normal pelvis and capsule.

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*Reproductive System*

N/A.

**IMAGING PERFORMED BY**

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*Adrenal Glands*

Normal shape, echogenic appearance, size, and position. Left 1.09 x 0.46 cm, right 1.14 x 0.59 cm.

**HOSPITAL NAME**

*Spleen*

Central Broward Animal  
Hospital

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, normal vasculature and blood flow. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**REFERRING VET**

Dr Oms

*Liver*

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

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*Gastrointestinal*

**DATE**

1/3/22

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*

Sofie Schnackenberg

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.

**BREED**

No ascites.

Dachshund

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Primary Findings:

FS

- Age-related renal changes vs early chronic kidney disease.

**AGE**

Secondary Findings:

10 years

- None

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

Although the appearance of the kidneys may merely be an age-related change with the isostenuria, early chronic disease needs to be considered. Other possible etiologies for the polyuria would be partial central diabetes insipidus, psychogenic polydipsia (but not reported), medullary solute wash-out, severely protein-restricted diet.

10#

**INTERPRETED BY**

Further assessment would be dietary history, quantification of water intake and if possible urine volume, serum SDMA, and modified water deprivation test.

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Specific therapy would be dependent on an etiological diagnosis.

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**HOSPITAL NAME**

Central Broward Animal  
Hospital

**REFERRING VET**

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**PATIENT IMAGES**

Sofie Schnackenberg

**Kidney**

**SPECIES**

Canine

**BREED**

Dachshund

**SEX**

FS

**AGE**

10 years

**WEIGHT**

10#

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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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