


PATIENT PRESENTING CLINICAL SIGNS

Sauve Millionard History: Suspect pancreatitis.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Shih Tzu Radiographic Findings: N/A.

SEX

Intact Male

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
AGE *Urinary System*

15 years Full urinary bladder with a thickened and irregular appearance of especially the apical wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

12 # Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size (left 4.1 cm, right 4.5cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Bilateral mineralization.

Reproductive System

Normal size and echogenic appearance of the prostate (2.5 cm). Normal right testicle. Cyst (1 cm) and nodule (1.2 cm) in the left testicle.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands
HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

Left gland – normal shape, echogenic appearance, size, and position. Hyperechogenic nodule (0.6 cm) in the caudal pole.

Right – normal shape, size (0.44/0.62 cm), and position with an increased echogenic appearance.

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Spleen

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

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Liver
DATE

7/8/22

Normal size with a diffuse mottled echogenic and coarse appearance, and loss of portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).


PATIENT *Gastrointestinal*

Sauve Millionard

Normal appearance of the stomach, duodenum, small intestine, and ileo-cecal junction with no loss of layering, normal wall thickness (stomach 0.27 cm, duodenum 0.45 cm, jejunum 0.33 cm) and peristaltic activity, and no distension of the lumen. Segmental thickening of the colon (up to 37 cm) but with no loss of layering.

SPECIES

Canine

Pancreas
BREED

Shih Tzu

Mildly enlarged (1.3 cm) and irregular with a mottled hyperechogenic appearance. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen
SEX

Intact Male

Normal mesenteric lymph nodes (0.4 x 2.6 cm).
No ascites.

AGE

15 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

12 #

- Pancreatitis.
- Hepatopathy.
- Colitis.
- Adrenal pathology.
- Cystitis.

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Secondary Findings:

- Age-related renal disease.
- Testicular pathology.

IMAGING PERFORMED BY

Sonya Myers, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
HOSPITAL NAME

The appearance of the pancreas is consistent with chronic pancreatitis.

Oviedo Veterinary Care and
Emergency

Etiologies for the hepatopathy would be age-related change, reactive, vacuolar, metabolic, early cirrhosis, and chronic hepatitis, with infiltrative neoplasia an unlikely differential diagnosis.

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Dr Kim

Etiologies for the colitis would be inflammatory bowel disease, helminths, granulomatous disease, dietary hypersensitivity, and emerging lymphoma.

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Etiologies for the adrenal glands would be age-related change, disease stress, and emerging Cushing's disease. The left adrenal nodule is most likely an incidental adenoma with emerging functional/non-functional carcinoma a differential diagnosis.

Etiologies for the urinary bladder would be bacterial cystitis, sterile cystitis, and emerging neoplasia.

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Further assessment would be fecal analysis, CBC, serum biochemistry, cPL/PSL assay, and FNA cytology of the liver. Urine culture, BRAF assay, Adrenal function testing and colonoscopy with biopsies could also be considered.

Specific therapy would be dependent on an etiological diagnosis.



PATIENT IMAGES

Sauve Millionard

Urinary bladder

SPECIES

Canine

BREED

Shih Tzu

SEX

Intact Male

AGE

15 years

WEIGHT

12 #



INTERPRETED BY

Left adrenal

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HOSPITAL NAME

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DATE

7/8/22





PATIENT Pancreas

Sauve Millionard

SPECIES

Canine

BREED

Shih Tzu

SEX

Intact Male

AGE

15 years

WEIGHT

12 #



Liver

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Oviedo Veterinary Care and
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Dr Kim



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DATE

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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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