



**PATIENT PRESENTING CLINICAL SIGNS**

Nallim Millan History: Slowing down, decreased food intake, PuPd, malodourous urine.

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

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: N/A.

Miniature Schnauzer Radiographic Findings: N/A.

**SEX**

Female

**AGE**

7 years

**WEIGHT**

25.6 #

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size with increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule.

**Reproductive System**

Fluid-filled uterus with thickened and irregular wall and hyperechogenic appearance of the surrounding mesentery.

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 1.66 cm.

**Spleen**

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

**Liver**

Normal size, echogenic appearance, and 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.

**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.

**IMAGING PERFORMED BY**

Dr Paul Kim

**HOSPITAL NAME**

Ridgefield Park Animal  
Hospital

**REFERRING VET**

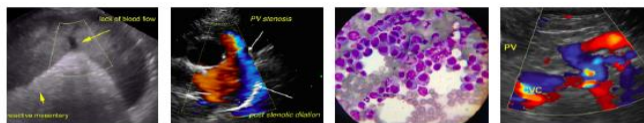
Dr Paul Kim

**INVOICE**

302938

**DATE**

4/30/22



**PATIENT** *Pancreas*

Nallim Millan Normal size (0.6 cm) 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**

Miniature Schnauzer

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Pyometra.

Secondary Findings:

- Age-related renal changes vs chronic disease.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The appearance of the uterus is consistent with pyometra.

Further assessment of the kidneys would be urinalysis and serum urea, creatinine, and SDMA; and possibly blood pressure and UPC.

Specific therapy would be ovariohysterectomy.

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**PATIENT**

Nallim Millan

**SPECIES**

Canine

**BREED**

Miniature Schnauzer

**SEX**

Female

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**IMAGES**

**Kidney**



**Uterus**



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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.

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