



**PATIENT**

Mila Iglesias

**PRESENTING CLINICAL SIGNS**

O thinks pet has a UTI, urine has had a bad smell for about a month, licking groin area, drinking more/urinating more. O noticed blood in urine starting a few days ago. eating normal, no c/s/v/d. Abnormal PE/Chem/CBC/UA Results: Radiographs- Large number of bladder stones and some are large size Diag- WNL CBC- WNL CPL- Normal 4DX test- Negative

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Right lateral and ventrodorsal views of the thorax and right/left lateral and ventrodorsal views of the abdomen totaling 6 images available for review.

**BREED**

Mini Schnauzer

**RADIOGRAPHIC FINDINGS**

**Thorax**

**SEX**

The surrounding bony structures are within normal limits.

Female

The extrathoracic soft tissues present homogeneous without abnormalities.

**AGE**

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

6 years

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

**HOSPITAL NAME**

Animal Paradise  
Hospital

The lung parenchyma presents the expected architecture and opacity. The intrapulmonary vascular branching is seen up to the third order lung vessels.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**REFERRING VET**

Dr. Elshafie

**Abdomen**

The surrounding bony structures are within normal limits.

**INVOICE**

No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

49349

The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

**DATE**

The liver is appropriate in position, size and presents uniform opacity.

1-3-22

The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.



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Both kidneys are seen and present with normal size, shape, delineation and opacity.

The urinary bladder is moderately distended. Four rounded rectangular shaped large urinary bladder calculi of up to 2.0 cm diameter are seen as well as multiple smaller mineral opaque urinary bladder calculi. No evidence of calculi is seen throughout the visible parts of the urethra.

**SPECIES**

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The stomach presents mild aerophagia.

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Mini Schnauzer

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

The colon is seen in the expected position and presents with appropriate content.

**RADIOGRAPHIC DIAGNOSIS**

**SEX**

Female

- Multiple large and small urinary bladder calculi.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

6 years

The radiographic study reveals multiple large and small mineral opaque urinary bladder calculi. Struvite stones are considered most likely. Calcium oxalate or other calculi are a potential as well. At this time, there is no evidence of calculi within the urethra. Concurrent cystitis can be assumed, and surgical options could be discussed with the owner based on the number and size of the calculi.

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**REFERRING VET**

Dr. Elshafie

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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.

**SPECIES**

Canine

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.

**BREED**

Mini Schnauzer

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

**SEX**

Female

**AGE**

6 years

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Dr. Elshafie

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