



**PATIENT**

Boo Burani

**PRESENTING CLINICAL SIGNS**

general wellness heart murmur grade 4/6  
Abnormal PE/Chem/CBC/UA Results: BUN 16.91 (5.36 -11.42) CRE 167 (71- 159) TCHO 6.17 (1.81-5.17) otherwise BW unremarkable.

**SPECIES**

Feline

**RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

An overview study including the thorax and abdomen in two orthogonal imaging planes is provided for review.

**BREED**

DMH

**RADIOGRAPHIC FINDINGS**

Thorax

**SEX**

Male

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

**AGE**

16 Years

The cardiac silhouette is elongated. The vertebral heart score is 8.5 (normal  $\leq 8.2$ ) The descending aorta presents with an undulating course. The pulmonary vasculature is within normal limits.

**INTERPRETED BY**

Sebastian Schaub, 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.

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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.

Abdomen

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Dr. Boctor

The vertebral endplates of the lumbosacral junction present bridging spondylosis formation.

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

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

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

**DATE**

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The splenic head is in the anticipated position and within normal limits for size and opacity.

The volume of the left kidney is moderately decreased, and the margins are mildly irregular. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.



**PATIENT** The stomach is in its anticipated position and presents normal content.

Boo Burani 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.

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

Feline

**RADIOGRAPHIC DIAGNOSIS**

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DMH

- Mild cardiomegaly without signs for decompensation
- Redundant descending aorta, incidental
- Left sided chronic nephropathy
- Spondylosis deformans lumbosacral junction

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Male

The mild cardiomegaly in combination with the cardiac murmur is concerning for underlying cardiomyopathy – such as hypertrophic cardiomyopathy. A cardiac echo would be ideal for further assessment of cardiac chamber size and function.

**AGE**

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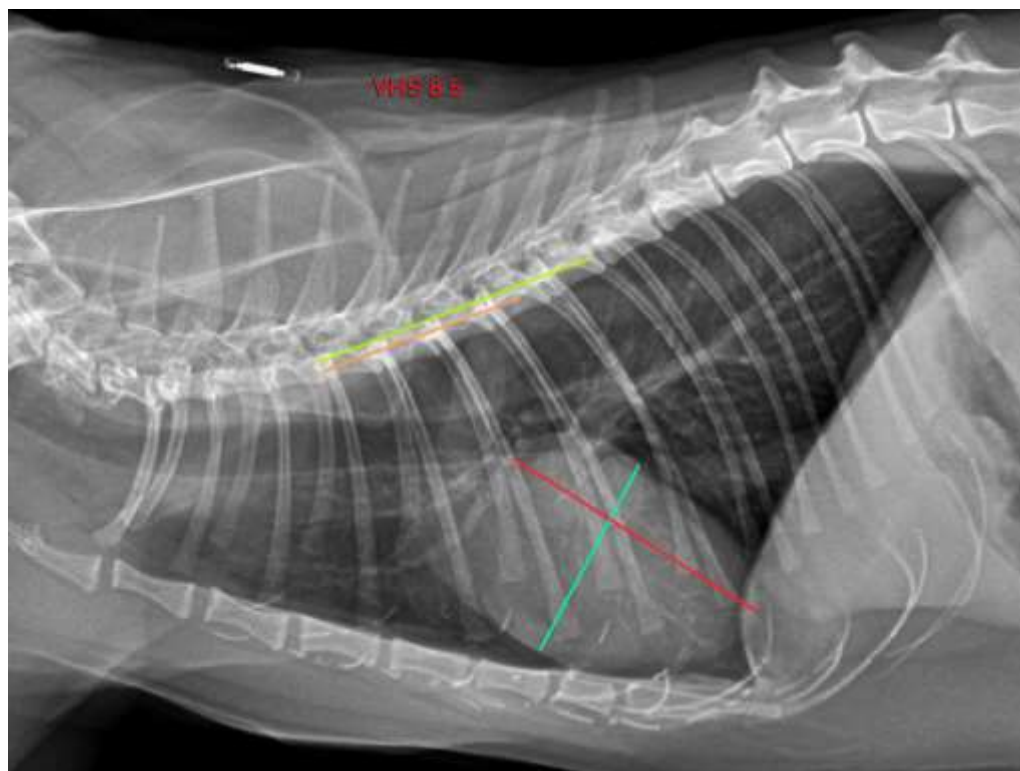
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Boo Burani

**SPECIES**

Feline

**BREED**

DMH

**SEX**

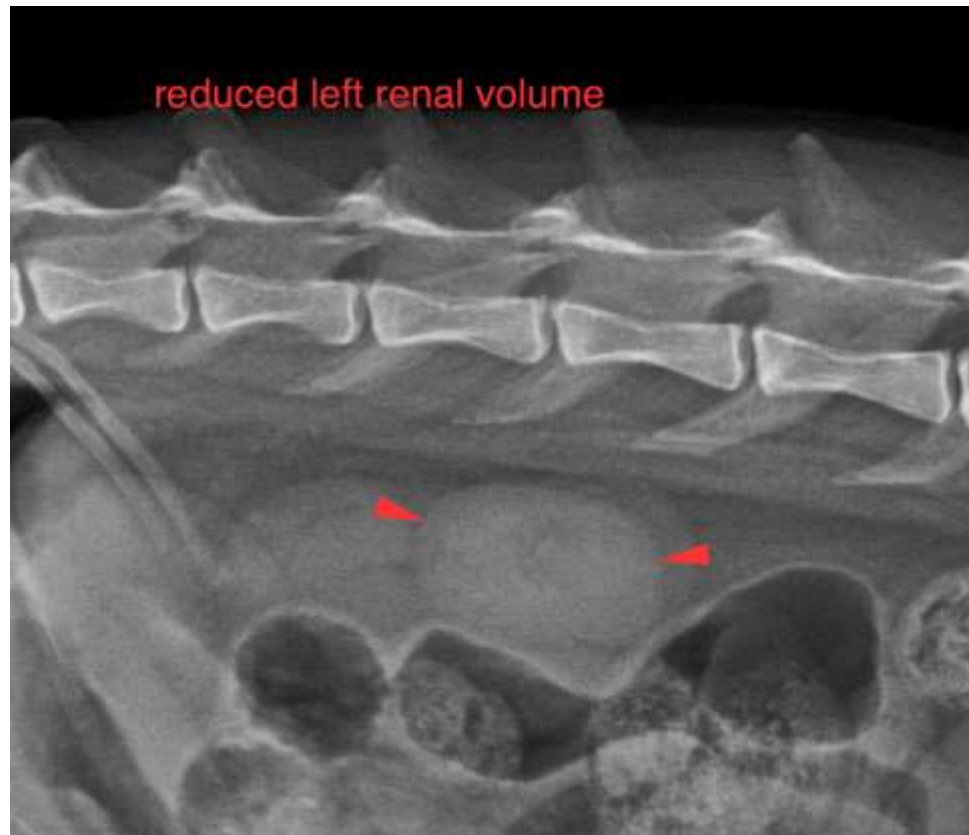
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**REFERRING VET**

Dr. Boctor

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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