



**PATIENT**

Buster Brown Reasor

**SPECIES**

Canine

**BREED**

Labrador Retriever  
Mix

**SEX**

M

**AGE**

9.5 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**REFERRING VET**

Kim Winters

**INVOICE**

47601

**DATE**

9-29-21

**PRESENTING CLINICAL SIGNS**

Buster Brown is here for a consult regarding dark urine that was seen by Tristen on 9/22. Buster started Amoxicillin 500mg twice a day and since then the urine has become straight blood. Tristen reports no straining or urgencies of urination. Buster Brown is an intact male dog, who had an eye cyst removed about 6 months ago. Buster is eating and drinking normally with no diarrhea.

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

The visible lung presents a severe mixed miliary and nodular interstitial pattern.

**Abdomen**

The prostate is enlarged at 4.5 x 3.5 cm. The shape of the prostate is bilaterally symmetric. Mild heterogeneous enhancement is noted on the post-contrast study.

There is mild regional lymphadenomegaly with symmetric enlargement of the hypogastric and medial iliac lymph nodes.

No evidence of a mass is seen within the urinary bladder or ureters.

A small left adrenal gland nodule is noted.

Mild left ureteral dilation is present. The dilated ureter is emerging from a 3.0 cm wide left renal pelvis. No evidence of obstructive pathology can be identified. Small hypoattenuating nodules are seen throughout both kidneys on the post-contrast studies.

Multiple hypoenhancing and heterogeneously enhancing nodules are present within the spleen.

There is one heterogeneously enhancing nodule within the central division of the liver.

Multiple variably sized heterogeneously and uniformly enhancing nodules are seen throughout the axial musculature.

T13-L2 and L7/S1 spondylosis are noted. Moderate lumbosacral disc protrusion is seen.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multiple pulmonary, hepatic, splenic, renal, and axial muscle nodules.
- Small left adrenal gland nodule.
- Left renal pyelectasia and mild left hydroureter.
- Symmetric prostatic enlargement.
- Mild regional lymphadenomegaly.
- Thoracolumbar and lumbosacral spondyloses and lumbosacral stenosis.



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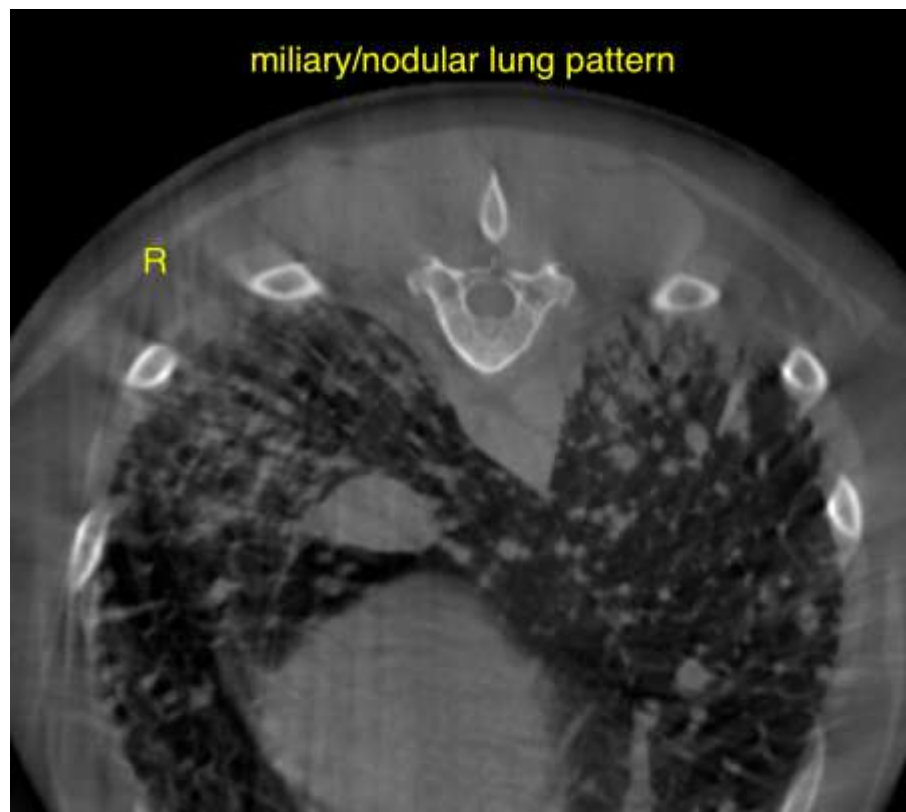
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with multicentric metastatic disease. Pulmonary, hepatic, splenic, renal, and axial muscle involvement is assumed. The primary tumor is not clear from the abdominal CT study; however, multifocal round cell neoplasia such as lymphoma is a potential as well in absence of a primary tumor.

The cause of the prostatic enlargement is most likely benign prostatic hyperplasia. Prostatitis cannot be ruled out. The regional lymph node changes are compatible with reactive hyperplasia. Metastatic disease cannot be ruled out entirely.

The cause of the left renal pyelectasia remains unclear; however, renal hemorrhage and hemoplugging is one potential cause.





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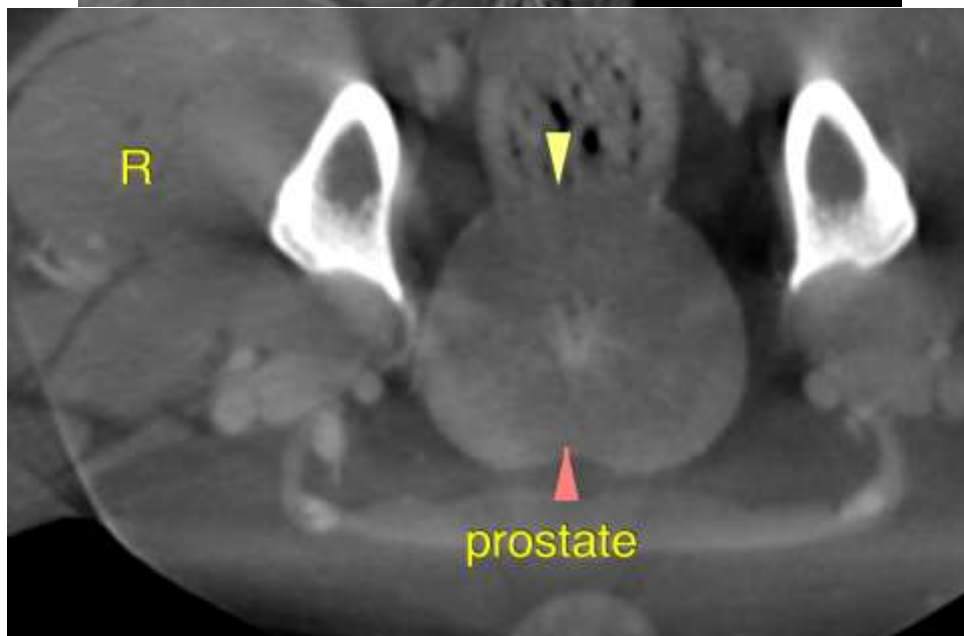
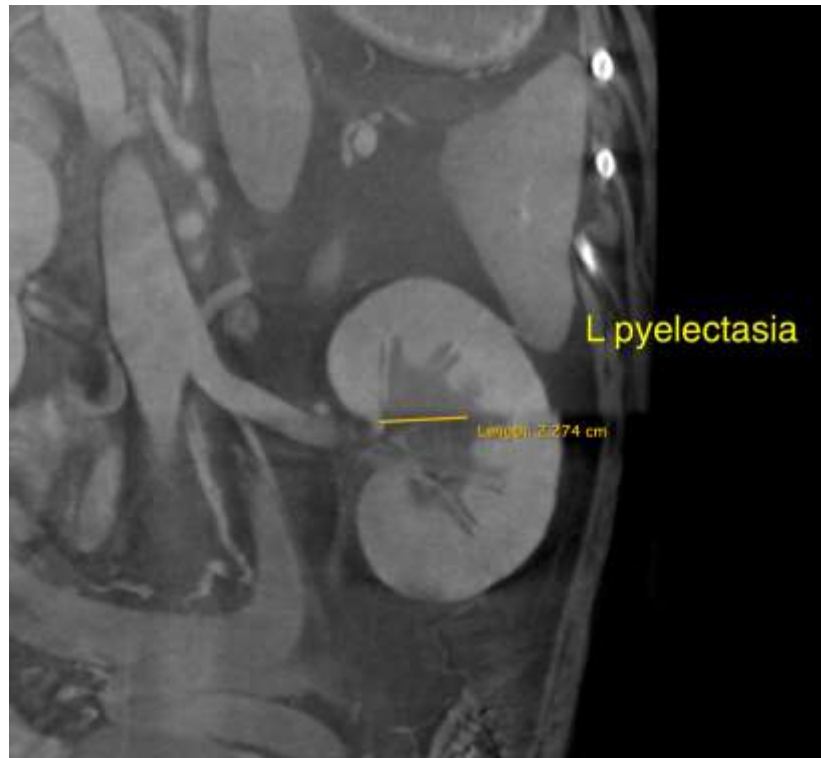
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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Mix

**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  
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