



**PATIENT**

Belle Mekin

**PRESENTING CLINICAL SIGNS**

Dysuria, tenesmus. rDVM in house ultrasound revealed possible caudal abdominal mass.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

Plain and post contrast studies available for review.

**BREED**

Shih Tzu

**COMPUTED TOMOGRAPHIC FINDINGS**

The visible aspects of the caudal lung lobes reveal multiple small interstitial soft tissue attenuating nodules.

**SEX**

Female Spayed

**Abdomen**

A large irregular shaped soft tissue attenuating mass with multifocal mineralizations is seen within the pelvic urethra starting at and involving the urinary bladder neck and extending all throughout the pelvic urethra. The mass measures approximately 4.5 cm in length and 2.0 cm in diameter. Lesion margins are ill-defined. The urethra is embedded into the mass. Heterogeneous post-contrast attenuation is noted. The mass cannot be clearly delineated from the wall of the descending colon and rectum. Ill-defined fat stranding and increased contrast enhancement of the peripelvic fat is noted. There appears to be no urinary bladder and no vesico-trigone involvement. Mild luminal irregularity of the urinary bladder mucosa is noted and considered within normal limits. There is no evidence of pyelectasia.

**AGE**

10 Years, 9 Months

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

There are multiple regional lymphadenomegaly of the hypogastric and medial iliac lymph nodes which are moderate in degree.

Both kidneys present within normal limits for size, shape and organ architecture.

**HOSPITAL NAME**

Mobile Pet Imaging

The adrenal glands are within normal limits for size, shape and organ architecture.

Multiple hyperenhancing splenic nodules of varying size are noted.

Multiple small hypoattenuating and hypoenhancing liver nodules are seen.

**REFERRING VET**

Meaux

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The colon presents mild generalized dilation with fluid and gas.

**INVOICE**

47616

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Large soft tissue mass with mineralizations encompassing the urethra with aggressive biological behavior.
- Regional lymphadenomegaly.
- Interstitial lung pattern compatible with metastatic disease.
- Hepatosplenic nodules.

**DATE**

9-30-21



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are highly suggestive for urethral neoplasia with regional and distant metastatic disease to the regional lymph nodes as well as the lung. Transitional cell carcinoma or other carcinoma is thought more likely than lymphoma or mesenchymal neoplasia based on the appearance. However, final diagnosis will require sampling for histology. Consider the potential for metastatic disease to the regional lymph nodes and lung as well as infiltration of the large intestinal wall and pelvic fat.

The hepatosplenic nodules are equivocal for benign nodular hyperplasia versus metastatic disease. Sampling would be required for further definition.

Unfortunately, the long term prognosis is poor in this patient.

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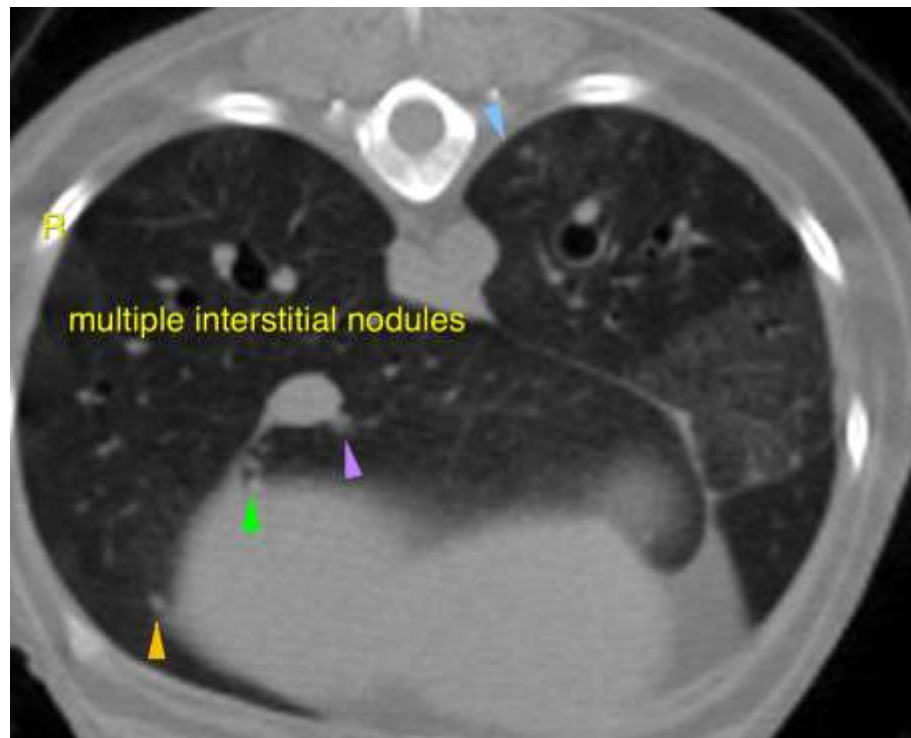
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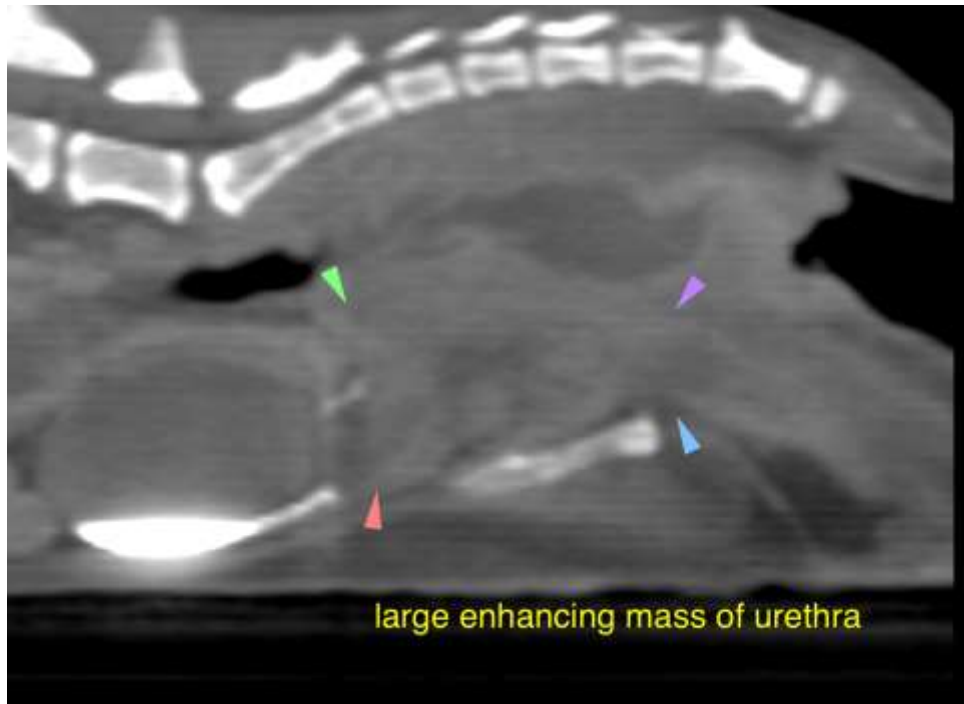
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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