



**PATIENT PRESENTING CLINICAL SIGNS**

Ellie Elston Patient has Transitional Cell Carcinoma, looking to see if it has spread anywhere.  
 Abnormal PE/Chem/CBC/UA Results: Elevated Values: WBC-16.89 K/uL, Neutrophils-13.43 K/uL, Monocytes-1.34 K/uL, MPV-14.0 fL Decreased Values:Eosinophils-0.03K/uL, Creatinine-0.4mg/dL, Chloride-107mmol/L Heartworm Negative

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Plain and post contrast studies available for review.

**BREED**

Beagle Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

Patient has a history of transitional cell carcinoma with unknown location.

**SEX**

Spayed Female

**Abdomen**

The urinary bladder and urethra present within normal limits.

Prominence of the labia of the vulva and soft tissues of the vaginal vestibule are seen.

**AGE**

13 Years

The left medial iliac lymph node is severely enlarged, and measures 2.3 x 1.6 cm. Irregular surface and strong nonuniform internal contrast enhancement are seen. The right medial iliac lymph nodes present within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

Moderate bilateral subinguinal lymphadenomegaly with extensive peripheral fat stranding is seen. The changes are more pronounced on the right compared with the left side. Maximum diameter of the subinguinal lymph nodes is 1.2 cm. The peripheral fat stranding and increased contrast enhancement blend into the enlarged left and right caudal and right 2<sup>nd</sup> caudal mammary complex with ill defined marginations.

**HOSPITAL NAME**

Neel Veterinary Hospital

Occasional small hyperenhancing splenic nodules are seen.

The liver, gallbladder, kidneys, and adrenal glands present within normal limits.

**Thorax**

**REFERRING VET**

Dr. Deepan Kishore

Multiple age related incidental pulmonary osteomas are noted. One 2mm sized gas filled bulla is seen within the caudal aspect of the left caudal lung lobe. No evidence of pulmonary interstitial nodules or masses is seen.

There is no evidence of mediastinal lymphadenomegaly.

**INVOICE**

50784

The CT presentation of the cardiovascular system is within the expected limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

3-7-22

- History of transitional cell carcinoma.
- Severe left medial iliac lymphadenomegaly.
- Moderate bilateral subinguinal lymphadenomegaly with peripheral fat stranding.
- Splenic nodules.



**PATIENT**

- Single very small pulmonary bulla.

Ellie Elston

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

The CT study reveals severe left medial iliac lymphadenomegaly compatible with a neoplastic infiltrate. Metastatic disease is very likely and should be considered until proven otherwise. Reactive hyperplasia and other benign lymphadenopathy are highly unlikely with the pertinent CT changes and patient history.

Canine

**BREED**

The subinguinal lymphadenomegaly may represent metastatic disease as well; however, mastopathy such as mammary tumor and mastitis cannot be ruled out as underlying causes. Consider fine needle aspiration of the left medial iliac and subinguinal lymph nodes for further definition.

Beagle Mix

**SEX**

The splenic nodules are likely to represent benign nodular hyperplasia or extramedullary hematopoiesis. Metastatic disease cannot be ruled out. Fine needle aspiration could be considered for further definition.

Spayed Female

**AGE**

The very small pulmonary bulla is likely due to spontaneous parenchymal rupture and incidental. A typical presentation of metastatic disease cannot be ruled out entirely but is thought by far less likely.

13 Years

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Hospital

**REFERRING VET**

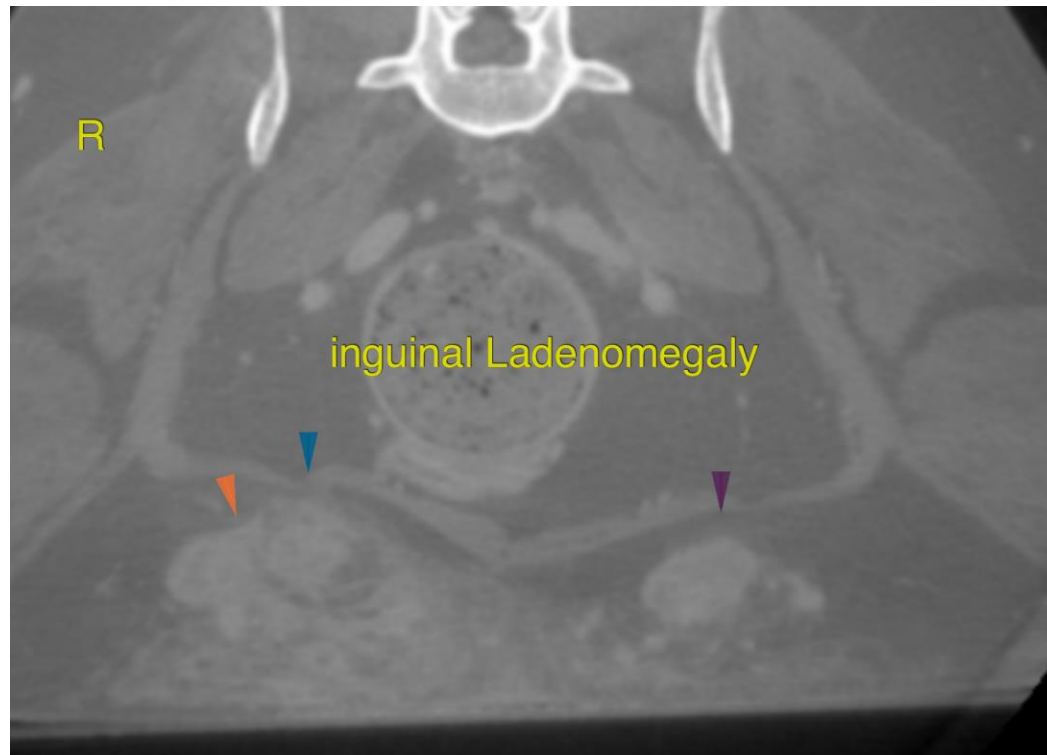
Dr. Deepan Kishore

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**PATIENT**

Ellie Elston

**SPECIES**

Canine

**BREED**

Beagle Mix

**SEX**

Spayed Female

**AGE**

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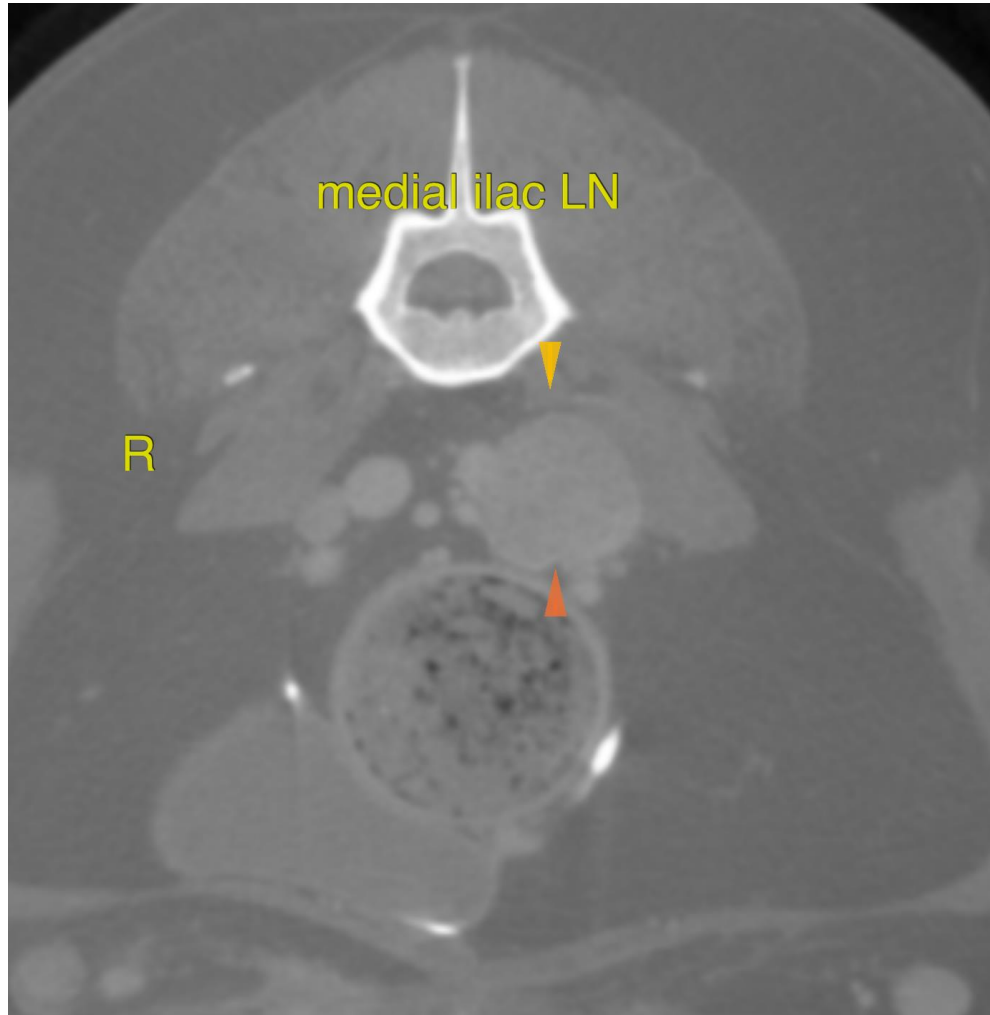
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**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