



**PATIENT PRESENTING CLINICAL SIGNS**

Riley Phillips Aggressive bone lesion left femur. CT for further evaluation before potential amputation.  
Abnormal PE/Chem/CBC/UA Results: Left hind leg muscle atrophy and lameness

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS & THORAX**

Canine Plain and post contrast studies of the pelvis and post contrast study only of the thorax available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Dachshund **Pelvis**

There is a monostotic aggressive osteolytic lesion of the left proximal femur which involves the proximal epiphysis, metaphysis, and diaphysis with a long and indistinct transition zone to the unaffected bone.

**SEX**

Male Neutered In the distal segment of the left femur, multifocal cortical bone defects are seen as well as amorphous periosteal new bone.

**AGE**

9 Years, 9 Months A circumferential contrast enhancing expansile soft tissue mass is seen centering the proximal left femur level with the epiphysis and metaphysis and measures approximately 3.0 cm in diameter.

**INTERPRETED BY**

Nele Eley, DVM Dr. med. Vet. DipECVDI The left superficial inguinal and right hypogastric as well as left medial iliac lymph nodes are enlarged with the left medial iliac lymph node presenting the largest degree of expansion and measuring 8mm in diameter as well as 2.0 cm in length.

**Thorax**

**HOSPITAL NAME**

Mobile Pet Imaging The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

**REFERRING VET**

Meaux The cardiovascular structures including the pulmonary vasculature are within normal limits.

Mild dorsoventral collapse of the trachea is seen.

**INVOICE**

47018 There are multiple incidental pulmonary osteomas. No evidence of interstitial nodules or masses is seen.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**DATE**

8-18-21 A moderate amount of hyperattenuating sediment is seen within the moderately distended gallbladder.



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Riley Phillips

**SPECIES**

Canine

**BREED**

Dachshund

**SEX**

Male Neutered

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**HOSPITAL NAME**

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**REFERRING VET**

Meaux

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8-18-21

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

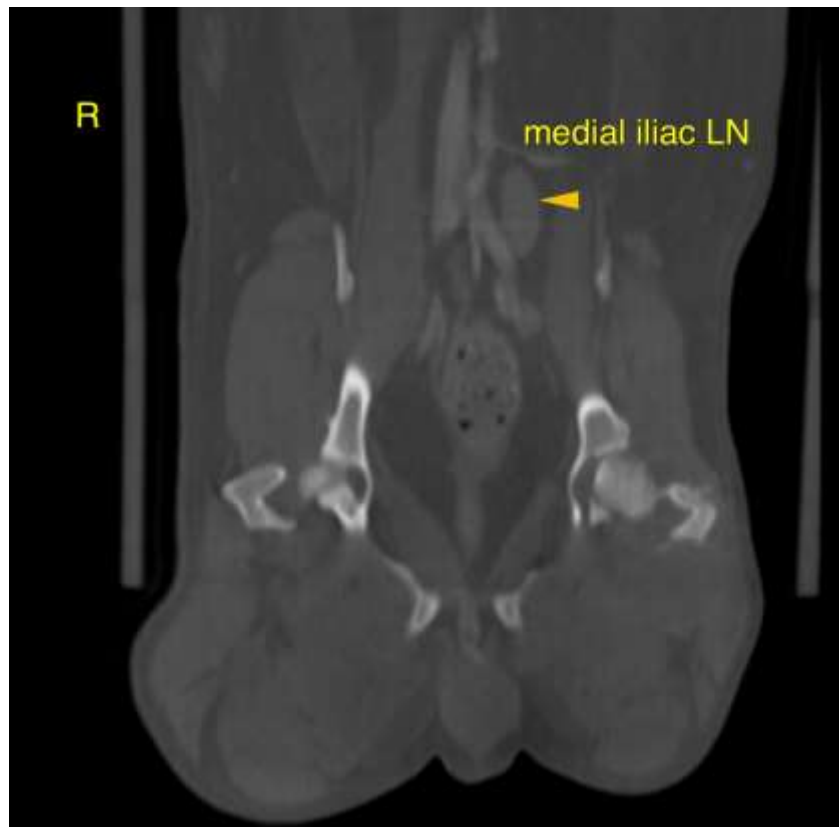
- Monostotic aggressive osteolytic lesion of the proximal left femur.
- Multiple regional lymphadenomegaly.
- No evidence of pulmonary metastatic disease.
- Normal age related lung.
- Mild tracheal collapse.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings of the femur are suggestive for primary neoplasia of bone with osteosarcoma being considered most likely. Chondrosarcoma, fibrosarcoma, and other primary neoplasia of bone as well as metastatic disease cannot be ruled out but are considered less likely.

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Fine needle aspiration of the lymph nodes should be considered for further definition.

The thoracic screening was negative for pulmonary metastatic disease at this point.





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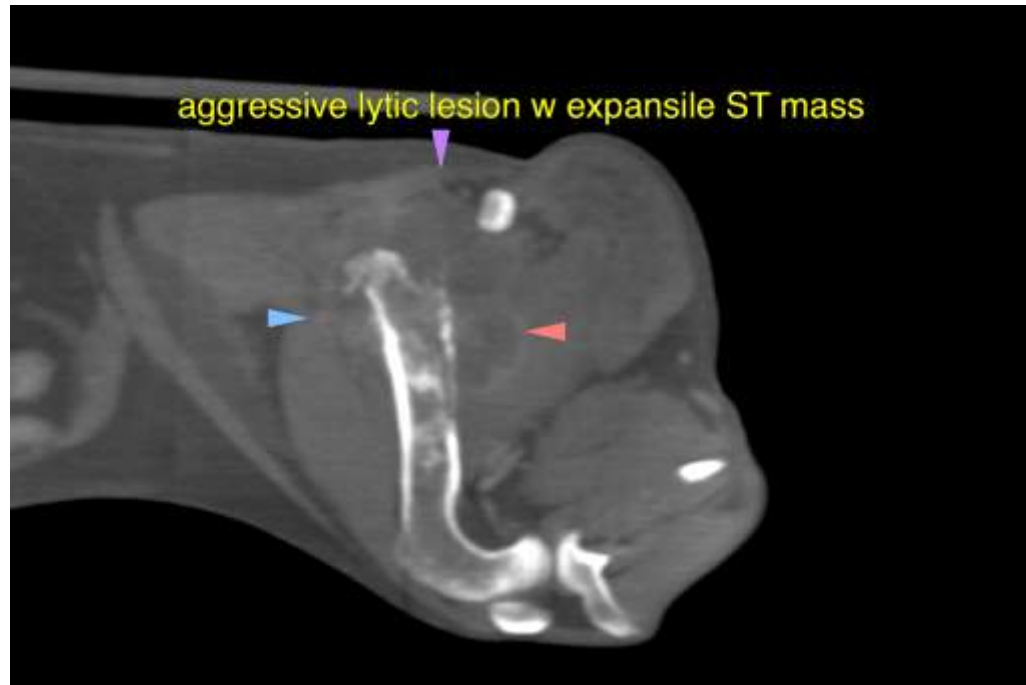
Meaux

**INVOICE**

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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.

**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