



**PATIENT PRESENTING CLINICAL SIGNS**

**Murphy Russel**  
**SPECIES** Canine  
**BREED** Yellow Lab  
**SEX** MN  
**AGE** 4 Years

Murphy, a 4 year old Male Neutered Labrador, was presented to the Toronto Animal Health Partners Surgery Service for a rapidly growing mass over R femur. The mass was initially noticed over 1 year ago. The mass was surgically removed in January 2022 (Histopath: lipoma) because it grew and caused discomfort. The mass started growing back in July 2022. Mass does not cause discomfort, but has grown much more rapidly. Normal EDUD; No VDSC. Energetic Murphy has had a previous history: Environmental allergies Murphy current medications:None Murphy is currently eating kibble, with no special diet or allergies. Murphy is UTD on vaccines. Abnormal PE/Chem/CBC/UA Results: INTEG: Lipoma on right hind end

**COMPUTED TOMOGRAPHY OF THE HIND LIMBS**

A pre- and post-contrast CT study of the hind limbs are provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

The left coxofemoral joint presents moderate to marked osteophyte new bone formation. The acetabular groove of the left coxofemoral joint is shallow and the center of the left femoral head is lateral to the dorsal acetabular rim. The right coxofemoral joint presents without abnormalities.

The volume of the musculature of the left hind limb is moderately decreased.

In the caudoproximal aspect of the right biceps femoris muscle, a fat attenuating mass with ill-defined margins is appreciated, merging with the biceps femoris muscle in the caudoproximal aspect, splaying the muscle fibers at the same level resulting in soft tissue striation of the fat-attenuating mass. In the caudal aspect the mass is in contact with the proximal segment of the right semitendinosus muscle, that is mildly distorted. The fat attenuating mass is measuring 2.9 x 5.2 x 7.7 cm in size.

In the most cranioproximal aspect of the right biceps femoris muscle, an intramuscular striated soft tissue and fat attenuating zone is noted, measuring 1.6 x 1.8 x 1.1 cm in size.

The osseous and soft tissue structures of the distal aspects of both hind limbs present no additional abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Infiltrative lipoma caudoproximal aspect right biceps femoris muscle and cranioproximal aspect right biceps femoris muscle
- Advanced degenerative osteoarthritis left coxofemoral joint due to hip dysplasia
- Disuse atrophy musculature left hind limb

**INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**54484**  
**DATE** 10-6-22

The CT findings are consistent with infiltrative lipoma at the caudoproximal aspect of the right biceps femoris muscle and a second lesion in the cranioproximal aspect of the right biceps femoris muscle. Complete surgical excision will warrant resection of the affected muscular segments. The chances of adjuvant radiation therapy might be discussed with oncologist.

**INTERPRETED BY**  
 Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

**HOSPITAL NAME**  
 Animal Health Partners

**REFERRING VET**  
 Dr. Jeffery Biskup



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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.

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