



**KDL VetPath**  
 315 Erin Drive, Knoxville, TN  
 37919  
 865.584.1933 | 800.772.0951  
 Fax 865.584.1323  
 www.kdlpathology.com

## Veterinary Pathology Report

<b>Pathology#:</b>	1136745	<b>Requisition#:</b>	
<b>Patient:</b>	Not Shown, Private	<b>Collected:</b>	Aug 15, 2014
<b>Veterinarian:</b>	Not Shown, Private, DVM	<b>Received:</b>	Aug 18, 2014
<b>Veterinary Clinic or Hospital:</b>	Private, Not Shown Private, Not Shown, Private, Not Shown	<b>Reported:</b>	Aug 20, 2014

### Clinical History:

There is a 1.3 cm x 1.3 cm lump on right lateral hip. Has been present for about 3 weeks. Cytology indicated perivascular wall tumor, suspect malignant variant. Cranial border of tissue is tagged.

### Specimen:

A: Right lateral hip

### Diagnosis:

**Soft tissue sarcoma, low grade (grade 1), complete excision**

### Comments:

Cutaneous and subcutaneous STSs have a low to moderate post-surgical recurrence rate (7-30%) and have a low metastatic rate (up to 17%). Overall median survival time following excision is long (1000-1500 days) and because affected dogs are usually old, they often die from other causes before succumbing to STS-related death. The neoplastic cells do not extend to the margins of the submitted tissue (4mm deep and 5-7mm lateral margins). For guidance with staging and treatment options, contact a clinical oncologist.

### Gross Description:

Specimen is labeled "right lateral hip" and received in formalin is a single portion of subcutaneous-type soft tissue having associated fat and overlying skin, oriented with an attached surgical suture, measuring 3.4 x 2.6 cm and extending to a maximum excised depth of 1.2 cm. A suture is present at one end margin and is assigned the cranial end margin. Centrally located is a dome-shaped area measuring 1.1 cm in greatest dimension. The specimen is serially sectioned revealing a gray-white, yellow-tan variegated, well-defined, rubbery-firm mass just beneath the raised area, measuring 1.1 x 1.0 x 0.8 cm and extending to within 0.2 cm of the deep margin, 0.3 cm of the superior margin, and

1.0 cm of the caudal margin. The surgical margin is inked black. The superior margin is scored. The cranial end margin is inked red. Representative cross-sections involving entire lesion are submitted in cassettes A1-A5. NOTE: Canine, Cocker Spaniel. TB/kp

**Microscopic Description:**

Slide 1-5: Haired skin (right lateral hip): This subcutaneous mass is composed of spindle cells arranged in short interlacing bundles, whorls and streams. Nuclei are eccentric, round to oval with a prominent central nucleolus. Cells have moderate to abundant eosinophilic cytoplasm. There is moderate anisocytosis and occasionally marked anisokaryosis. There are 4 mitoses in ten 400x fields. Few cells are binucleated or multinucleated. The mass extends through the panniculus muscle in to the deeper adipose tissue.

[ Electronically Signed by Danielle R. Reel, DVM, DACVP]  
Email: dreel@kdllpathology.com Phone 865.300.4056

A: VetPathHisto-Routine Veterinary Histopathology

**Other Cases****Case Date Diagnosis**