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Veterinary Diagnostic Laboratories
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DL#: 090-75267

Date: 6/1/2010

Vet/Clinic: Dr. Scott Gustafson, VCA Raleigh Hills Animal Hospital, 4905 SW 77th Avenue, Portland, OR 97225
Owner: Weber
Animal ID: Leia, 164710
Species: Canine Breed: Bernese Mountain Dog Date Specimen Taken: 5/26/10
Age: 5 Sex: FS

History: Ultrasound revealed mass in spleen, left kidney, and right liver lobe. At abdominal exploratory, right lateral and medial lobes of liver removed.

DIAGNOSIS: Malignant histiocytosis, spleen, liver, and kidney.

REMARKS: This is a highly malignant tumor involving multiple organs.

HISTOPATHOLOGY:

Section of tissue from the spleen consists of a tumor mass. The tumor consists of sheets of large polygonal cells with an abundant amount of cytoplasm. Nuclei are pleomorphic, round, and have prominent nucleoli. Mitoses are numerous and average over 5 per high power field. There are giant nuclear forms and multinucleated cells present throughout and large areas of necrosis. The tumor is invasive throughout. The multinucleated cells are sometimes engulfing smaller darker cells. Cells obliterate the normal tissue architecture of the spleen.

Section of liver has large tumor masses present throughout similar to those within the spleen.

A section of kidney has a similar tumor mass present throughout.

Barbara E. Powers, DVM/PhD/DACVP

Faxed: 6/2/10 BEP, 6/3/10 kw

Emailed: 6/3/10 kw

Typed: 6/3/10 kw