

University of Washington
Regional Primate Research Center

Accession # 10-096
Submission Date 27 Jul 10

DIAGNOSTIC LABORATORY NECROPSY REPORT

Requester Ahrens Investigator Anderson Animal ID # A06014
Species Mm Requester's Phone _____

Date of Death 27 Jul 10 Date of Necropsy 27 Jul 10 Time 1000 Pathologist RM

Nutritional Condition: Adequate Marginal Poor Obese

Other Tests Required: Sero Micro Parasit Other _____

Other Diagnostic Samples _____

Type of report: Final _____ Preliminary 27 Jul 10 Amended _____

Clinical History:

This 10 year old rhesus macaque was assigned to "In-vivo evaluation of primate lentiviruses" and was inoculated with SHIV SF162p4 in April of '08. The animal has had a dermatologic condition intermittently since '07. Recently, there has been a >20% body weight loss, and the dermatologic condition has been recurring.

Gross Description:

An approximately 5 kg, intact female with active reproductive tract, rhesus macaque is presented euthanized in good postmortem and adequate nutritional (adequate musculing and scant to moderate adipose stores) condition. There are multifocal, moderate to moderately extensive nodules and papules with scabbing on both arms and legs and in the perineal region. There also is moderate, multifocal cutaneous flaking of the ears, and nodule formation in the inguinal skin. Otherwise, the integumentary system is otherwise unremarkable and there are no other significant external lesions (moderate tartar deposition on the teeth).

There is moderate, multifocal, pleural fibrous adhesions on the caudal dorsal peripheral lungs to the thoracic/parietal pleura and to the diaphragmatic/parietal pleura. There also is moderate pericardial to epicardial fibrous adhesions from the base to the mid heart, and mild epicardial fibrosis multifocally. The spleen has moderate numbers of pinpoint to military, white nodules throughout the parenchyma. There are mild, multifocal fibrous adhesions of the mesentery to visceral peritoneum. Otherwise, the nervous, cardiovascular, respiratory, digestive, urogenital, endocrine, hemic-lymphatic and musculoskeletal systems are grossly unremarkable.

Gross Diagnosis(es):

1. Moderate to moderately extensive, multifocal, chronic-active (papillary, crusting, scabbing) dermatitis: legs, arms, perineal and inguinal regions, and ears