

University of Washington  
Regional Primate Research Center

Accession # 10-034  
Submission Date 2 Apr 10

**DIAGNOSTIC LABORATORY NECROPSY REPORT**

Requester Vogel Investigator Hu Animal ID # A07121  
Species Mn Requester's Phone \_\_\_\_\_

Date of Death 2 Apr 10 Date of Necropsy 2 Apr 10 Time 1200 Pathologist RM

Nutritional Condition:  Adequate  Marginal  Poor  Obese

Other Tests Required:  Sero  Micro  Parasit  Other \_\_\_\_\_

Other Diagnostic Samples \_\_\_\_\_

Type of report:  Final  Preliminary 2 Apr 10  Amended \_\_\_\_\_

**Clinical History:**

This animal was assigned to the project "Analysis and optimization of mixed modality immunization in macaques". The animal was vaccinated two times with env gp140 and gag/pol, followed by vaccination two times with vaccinia viral vectors expressing env gp160 and gagpol, and then challenged in March 09 with SHIV SF162p4 via intrarectal route. During a routine blood draw, it was discovered that the animal had a fractured right femur.

**Gross Description:**

A 4 year old, intact male, approximately 4.2 kg pig-tailed macaque is presented euthanized for necropsy in good postmortem and nutritional (adequate adipose stores and adequate muscling) condition. The right femur has a distal, metaphyseal, growth plate fracture that is complete, (transverse), displaced and closed. There is extensive, acute hemorrhage in surrounding soft tissue, and slight skin bruising. There are no other significant external lesions and the musculoskeletal and integumentary systems are otherwise grossly unremarkable.

The nervous, respiratory, cardiovascular, digestive, urogenital, endocrine and hemic-lymphatic systems are grossly unremarkable.

**Gross Diagnosis(es):**

1. Complete, transverse, displaced, closed, metaphyseal (growth plate) fracture: distal right femur (Salter-Harris type I)

**Gross Comments:**