

**MONKEY BITE/SCRATCH/SPLASH EXPOSURE
EMPLOYEE HEALTH SERVICE POLICY AND PROCEDURE**

POLICY: Human Exposure to *Macacine Herpesvirus 1* (Herpes B virus)

PURPOSE: To minimize human exposure to Herpes B virus via contact with tissue, blood, saliva and/or urogenital secretions of macaque monkeys:

- Through monkey bite/scratch
- Through lacerations or puncture by contaminated instruments, cages, or needles
- Through mucous membrane exposure/splashes (eyes, mouth, etc.)

PROCEDURE:

1. **STOP WHAT YOU ARE DOING**

2. Immediately soak, irrigate, or scrub the bite, scratch, laceration or puncture wound with the detergent solution or dilute bleach provided in the bite/scratch kit. Treat all bite/scratch/laceration/puncture wounds for 15 minutes.

For eye/mouth exposure (fluid/splashes, etc.) irrigate the eye or mouth with copious amounts of water for 15 minutes.

3. Notify a CCMS Supervisory staff member of the incident immediately after. A CCMS veterinarian will contact Employee Health Service (EHS) and the MSSM Division of Infectious Disease. You will then be accompanied to EHS.

Proceed to EHS with a copy of this document. Continue to soak the wound.

4. After hours or weekends, go to the Emergency Department (ED). Take a copy of this policy with you. If your initial examination is in the ED, you **must** return to EHS for a follow-up examination as well as notify CCMS and the Division of Infectious Disease on the next business day.

5. **Reporting:**

Report the exposure M-F, 9-5 pm, CCMS main office at (212) 241-3008. After hours, contact MSSM Security Control Center (212) 241-6068. Ask them to contact the CCMS Director for an emergency response.

During regular business hours, Division of Infectious Diseases can be reached at (212) 241-3150. After hours, call the Mt Sinai Operator and ask for the Infectious Disease Attending who is on-call.

Photocopy the incident report and deliver the copy to the CCMS main office (Annenberg 26-100)

6. A physician or nurse practitioner must evaluate your injury.

7. A CCMS veterinarian is available for consultation at (212) 241-3008, M-F, 9-5 pm.

You may also call the NIH B-virus laboratory at (404) 413-6550. A complete listing of the direct extensions for the Viral Immunology Center Staff, University of Georgia is attached to this SOP.

8. **Specimen Collection:**

- a. A blood sample must be drawn in two serum-separator tubes by EHS or ED. This sample will be processed and sent to the B-virus resource Laboratory for testing with accompanying paperwork. Information and form available here:
<http://www2.gsu.edu/~wwwvir/>
 - b. Virology specimens should also be taken at the time of injury after cleaning the injury as above. There should be a swab of the injured site or a bunch biopsy if swabbing is not feasible.
9. If you have sustained a puncture wound, or a mucosal scratch/bite or fluid splash to the eyes; Valcyclovir prophylaxis will be offered to you. The physician can refer to Cohen J.I. et. al, Clinical Infectious Diseases 2002; 35:1191-1203 for additional recommendations on treatment.

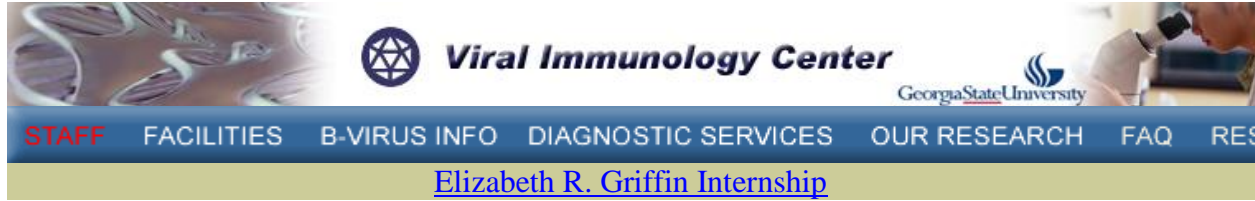
10. **If you have symptoms in the days following the incident such as:**

- a. **Dizziness**
- b. **Headache**
- c. **Vesicular skin lesions accompanied by intense itching**
- d. **Pain or numbness at the exposure site**
- e. **Flu-like symptoms**
- f. **Weakness and chills**
- g. **Elevated temperature**

You MUST report to the Emergency Department IMMEDIATELY for admission

Have the physician on duty contact a member of the veterinary staff at the CCMS main office (212) 241-3008, M-F, 9-5 pm. After hours contact the MSSM Security Control Center at (212) 241-6068 for an emergency response.

11. Fourteen days after the monkey exposure incident, blood will be drawn from you again at EHS.
12. In some individuals, acyclovir can depress antibody induction, thus to adjust for this, a third follow-up can catch any antibodies that may rebound after discontinuation of the acyclovir. A serum sample one month post acyclovir is a standard recommendation. Blood will drawn at EHS
13. Any further cultures or serologies are left to the discretion of the treating physician.



Staff

The staff of the National B Virus Resource Center consists of 4 Ph.D.'s, 2 M.D.'s, Ph.D. and M.S. graduate students, and highly trained professional technicians including licensed Medical Technologists. Our technical staff performs all diagnostic assays currently offered by the National B Virus Diagnostic Laboratory. Doctoral staff reviews all diagnostic data and works on active research protocols to enhance diagnosis of B virus in macaques and humans. Staff is supported by NIH's NCRR Division of Comparative Medicine to provide global resources 24/7/365 for emergency identification of B virus zoonotic infections, as well as to perform routine screening for B virus in macaques.

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