Department of Animal Resources

Procedures

Bite, Scratch, or Mucous Membrane Exposure to Macaque Nonhuman Primates
Procedures for Bite, Scratch, or Mucous Membrane Exposure to Macaque Nonhuman Primates

First Aid Measures at the Work Site

First Aid Measures:

1. For mucous membrane exposure to macaque fluids or feces, immediately flush the eye or mucous membrane with sterile saline or water for 15 minutes. A bottle of sterile saline is located in the bite/exposure kit. Further flushing can be accomplished outside of the primate room near the cage washing room.
2. For bite or scratch wounds, or needle stick injury associated with macaques, wash the skin thoroughly with warm water and detergent soap such as chlorhexidine or povidone-iodine for 15 minutes. Scrub brushes with povidone-iodine soap solutions are located in the bite/exposure kit.
3. Proceed immediately to the Workers Compensation clinic. Call DPS for transport, if needed, after hours.
4. Take this entire binder containing the macaque exposure information and Herpes B information to the clinic.
5. Present the page outlining physician responsibilities (page 3) to the physician

Exposure Evaluation and Follow-up:

1. Report all exposures to the supervisor. The supervisor and employee must fill out a Workers Compensation form and Manager’s Report of Incident Form for the worker to take to the medical facility. These forms are found at https://benefits.usc.edu/timeoff/workers-comp/
2. The USC Biosafety Officer and/or Biosafety Specialist must be informed to insure that all specialized testing is performed.
3. The Animal Resources veterinarian (Director or Associate Director) must be informed so that animal samples can be collected.
Where to Seek Medical Attention:

During business hours (M-F; 8 AM to 5 PM):

USC Internal Medicine (HCCII)
1520 San Pablo St.
Los Angeles, CA 90033
(323) 442-5100

After hours:

White Memorial Hospital
1904 Bailey Street, Suite 100
Los Angeles, CA 90033
(323) 222-9675

Take this entire binder containing the macaque exposure information and Herpes B information to the clinic.
Physician Responsibilities:

1. Provide additional wound treatment as appropriate.

2. Collect blood samples for serology as listed in the “B Virus Exposure Mini Protocol.”

3. Collect swabs for virus isolation as listed in the “B Virus Exposure Mini Protocol.”

4. Arrange for follow-up 14-21 days following injury as listed in the “B Virus Exposure Mini Protocol.”

5. Work with the veterinarian to coordinate sample collection and shipping the National B Virus Resource Center.

6. Refer the patient to an infectious disease specialist for specific questions about patient treatment relating to the virus and possible administration of post-exposure prophylaxis. Post exposure prophylaxis (valacyclovir, acyclovir, or ganciclovir) may be ordered, depending on exposure circumstances.

7. Follow up after exposure including evaluation of wounds, signs and symptoms of infection
Veterinarian Responsibilities:

1. Identify the animal that was associated with the exposure.

2. Assess the general health of the animal including research history and serologic testing.

3. Perform a complete physical examination of the animal, including examination of mucosal areas for lesions (e.g., vesicles, ulcers, conjunctivitis).

4. Collect blood samples for serology as listed in the “B Virus Exposure Mini Protocol.”

5. Collect swabs for virus isolation as listed in the “B Virus Exposure Mini Protocol.”

6. Arrange for follow-up 14-21 days following injury as listed in the “B Virus Exposure Mini Protocol.”

7. Work with the physician to coordinate sample collection and shipping the National B Virus Resource Center.

Contact Information:

Department of Public Safety (HSC) (323) 442-1000

Biosafety (Environmental Health and Safety) (323) 442-2200

   Biosafety Officer: Dr. Carolyn Keierleber (323) 442-2204
   Biosafety Specialist: Dr. Tamara Casebolt (cell) (323) 203-5621
   Biosafety Specialist: Dr. Mady Dabo (cell) (323) 229-8014

Department of Animal Resources (office) (323) 442-1689

   Director: Dr. Donald Casebolt (cell) (213) 952-6370
   Associate Director: Dr. Sumanth Putta (cell) (213) 321-6040