Organism or Agent: Recombinant DNA
Exposure Risk: Mutagenesis/Oncogenesis/Transgene Expression
Needlestick Exposure Hotline Pager: 415/353-7842 (353-STIC) (Available 24 hours)
UCSF Occupational Health Services: 415/885-7580 (Available during work hours)
Office of Environment, Health & Safety: 415/476-1300 (Available during work hours)
415/476-1414 or 9-911 (In case of emergency, available 24 hours)
EH&S Public Health Officer: 415/514-3531
Biosafety Officer: 415/514-2824

Protocol Summary

In the event of an accidental exposure or injury, the protocol is as follows:

1. Potential Modes of Transmission:
   - Skin puncture or injection
   - Ingestion
   - Contact with mucous membranes (eyes, nose, mouth)
   - Contact with non-intact skin
   - Bite from a recently infected animal
   - Percutaneous contact with body fluids from a recently infected animal
   - Aerosols
   - Other

2. First Aid:
   - *Skin Exposure*, immediately go to the sink and thoroughly wash the wound with soap and water. Decontaminate any exposed skin surfaces with an antiseptic scrub solution.
   - *Skin Wound*, immediately go to the sink and thoroughly wash the wound with soap and water and pat dry.
   - *Splash to Eye(s), Nose or Mouth*, immediately flush the area with running water for at least 10 minutes.
   - *Splash Affecting Garments*, remove garments that may have become soiled or contaminated and place them in a double red plastic bag.
3. Emergency Treatment:

- In the event of an acute injury resulting from a laboratory incident which requires immediate medical care, the injured employee should report to the emergency room for acute medical treatment. **The injured employee must take a copy of this document to the emergency department as well as the “Viral Vector Exposure Risk Assessment Part 1” if applicable.**

- In the event of an exposure, with or without an injury, call the Needlestick Exposure Hotline pager in order to get access to medical care for the exposure.

4. Follow-up is needed in the event of any Laboratory Exposure:

- After first-aid is complete, immediately inform you supervisor of the exposure.
- In the event of a large spill, contact the emergency response team (9-911) for clean-up.
- Contact Occupational Health Services for employees (in case of a student exposure, Student Health Services), after first aid is complete for follow-up care.

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Roles and responsibilities after an accidental exposure:

1. WORKERS’S RESPONSIBILITIES (Worker Initial Self-Care)

- **First Aid:** Perform the recommended first aid and decontamination according to the posted instructions.
- **Treatment:** i) In the event of an acute injury resulting from a laboratory incident which requires immediate medical care, the injured employee should report to the emergency room for acute medical treatment. The employee should bring a copy of the “Viral Vector Risk Assessment Summary Part 1” if applicable as well as this document for review. ii) In the event of an exposure, with or without an injury, call the Needlestick Exposure Hotline pager in order to get access to medical care for the exposure.
- **Access to Needlestick:** Call the Needlestick Exposure Hotline pager in order to get access to medical care for the exposure. Dial **415-353-7842**.
- **Reporting:** Inform your laboratory supervisor / principal investigator of the exposure.

2. SUPERVISOR’S RESPONSIBILITIES

- **First Aid and Decontamination:** Verify that the worker has washed and decontaminated himself/herself.
- **Secure the laboratory:** Confirm that the laboratory area has been secured and that notification of contamination has been posted to prevent other individuals from entering the area.
- **Laboratory clean-up (as needed):** Contact the Office of Environmental Health & Safety (OEH&S) through the UC Police Department Emergency Dispatch (from a campus telephone 9-911, from a non-campus phone 415/476-1414).
- **Report the exposure:** Call OHS or SHS during regular hours. Briefly describe the circumstances of exposure. Provide employee identification information (name and home telephone number).
- **Follow – Up:** Confirm that the employee has called for an appointment at the UCSF Occupational Health Clinic for evaluation on the next weekday the clinic is open (In case of a student exposure, confirm that the student has called Student Health Services). Later, confirm that the employee has been evaluated and coordinate a safe return to work.
- **Report the Injury:** Within 24 hours, report the injury to the UCSF Human Resources Disability Management Services (HR DMS) Office on the Supervisor’s Report of Injury (SRI) form. [http://ucsfhr.ucsf.edu/dismgmt/forms/workcomp/claim/SRI.pdf](http://ucsfhr.ucsf.edu/dismgmt/forms/workcomp/claim/SRI.pdf)