

BU Accident/Incident Reporting Summary April 2015 to June 2015 (Quarter 2)

**CAMPUS	Date of Incident	Incident Type/Agent Involved	BSL	Transmissible Person to Person	Description	*Reportable Incident	Report of Clinical Illness	Comments/Corrective Actions
BU Medical Campus (BUMC)								
BUMC	4/10/15	Potential Herpes B Exposure	BSL2	No	A research assistant sustained a needle stick injury that had been contaminated with blood from a rhesus macaque. A pericardial stick had just been done by a co-worker, using a needle and syringe. The needle and syringe had been given to the research assistant, who then injected the contents of the syringe into a glass blood collection tube through the rubber stopper. Immediately after the needle was removed from the syringe, the research assistant pierced the skin of her left index finger through her protective glove with that contaminated needle. Evaluation and treatment were carried out through ROHP per protocol, including blood samples and swabs sent to the National B Virus Resource Center. A report of an exposure in a biological laboratory was faxed to the BPHC.	Yes	No	The lab has created a new method to complete this process (see New Method Pictures).
BUMC	4/14/15	Finger Laceration	BSL4	No	A researcher reported that he accidentally cut his right middle finger on a clean monkey cage when he was taking it out of storage. This cage had been cleaned with disinfectant and treated at 180 degrees 3 weeks prior. The researcher required 4 sutures and splint at the emergency room.	No	No	Will wear gloves while doing procedure. Will ask for help to complete task. Will be more alert while completing task.
BUMC	4/29/15	Skin Rash	BSL2	No	Two animal care technicians reported to ROHP on 4-30-15 that they noticed a red skin rash on their right forearms the day before after working with "quatarnary", germicidal detergent to decommission a room. The concentration of this product was not dilute to manufacturer recommendations. These staff worked with this product for two hours while wearing gloves, a lab coat, face shield and mask. One does not remember any contact with the product but the other technician reports she leaned on a counter and felt something wet. She did not remove clothing and noticed an irritation on her forearm an hour later. Both were evaluated and treated in ROHP.	No	No	Since this incident all LASC staff were retrained on 4/30/15 for proper chemical use, handling, application, dilution and PPE.
BUMC	5/5/15	Finger Laceration	BSL2	No	An animal caretaker reports he accidentally cut his right index finger through 2 pairs of gloves on a metal wall filter while trying to change this filter. The filter located in the NHP room, sucks bedding and fur. He was evaluated and treated in ROHP. Samples sent to National B Virus Resource Center.	Yes	No	Remove the filter prior to spraying the room down. Use a tool to remove filter when cardboard is removed.
BUMC	5/11/15	Muscular Skeletal Injury	BSL2	No	An animal care technician sustained muscular skeletal injuries while pushing a rolling cart. The cart was filled with 60 mouse cages which did not contain any animals, which had been assembled with bedding, food, and (plastic) water bags. A wheel on the cart caught on something and the cart tipped over. The employee tried to keep it from falling, and in the process injured her back, shoulder, and leg.	No	No	NO REPORT TO EHS

BUMC	5/26/15	Mouse Bite	BSL2	No	A graduate student researcher was bitten by a mouse on her left thumb while wearing one pair of gloves and attempting to handle the mouse. This was a training mouse that had had no exposure to any biological agents. No virus, bacteria, toxin or chemicals were involved. The researcher was evaluated and treated in ROHP.	Yes	No	Graduate Student was in the middle of a training session with the BU Animal Science Center (BUASC) Trainer and was learning proper technique. The Graduate student will continue to complete training with BUASC.
BUMC	6/12/15	Finger Laceration	BSL2	No	A researcher sustained a 2-cm laceration to her left index finger when working in a BLS1 setting with mouse tissue which had not been exposed to any biological agents or toxins. The scalpel slipped and cut her left index finger though her gloved hand when she tried to detach some tissue from a mounting device. She was evaluated by ROHP and required sutures at the emergency room.	No	No	The lab member realized that they were rushing since it was late on a Friday afternoon. They also noted that they were close to the end of their sectioning when the incident occurred. In the future they will allow the section to defrost so a secondary implement (scalpel) will not need to be used.
BUMC	6/17/15	Mouse Bite	BSL1	No	A research student/ intern was bitten on her left index finger when in the lab animal training room working with a non-experimental mouse. The source mouse was non-transgenic and had not been exposed to any biological agents. She reports the mouse turned around and bit her because she did not have a tight enough hold on the mouse. The researcher was evaluated and treated in ROHP.	No	No	The student has finished their training with Animal Science. Ms. Bush will follow-up with the BUASC Trainer David Cawston.
BUMC	6/22/15	Mouse Bite	BSL2	No	A undergraduate student sustained a mouse bite in the training lab while practicing a restraint technique with a clean mouse, the mouse turned its head and bit him on the right index finger. He was evaluated and treated in ROHP.	No	No	The student had mentioned that Mr. Cawston said to get closer to the ear when completing this restraint technique.
BUMC	6/22/15	Puncture Wound to Right Hand	BSL2	No	A graduate student presented at ROHP for evaluation of a deep puncture wound from a scalpel blade. While clearing the lab bench countertop in a part of the lab that was seldom used, he reached behind a piece of equipment to unplug a device and his right hand was punctured by a scalpel blade (which was unshielded and mounted to the scalpel handle). The scalpel had been tangled up in the electrical wires attached to the equipment on that countertop. It was determined that the scalpel had not been contaminated with any hazardous biological agent. The graduate student was evaluated and treated at ROHP.	No	No	All areas around equipment had been carefully cleaned and upon inspection by the EHS staff were found to be free of all forms of sharps. There is a shelf on the other side of the shared bench top where the incident happened that held some packaged scalpels . Those were also removed as a preventative measure.
BUMC	6/30/15	Laceration to Left Ring Finger	BSL1	No	A student researcher reports he accidentally cut his left ring finger on a microtome blade that was being used to cut rat tissue. The rat did not involve any biological agent. The researcher was evaluated and treated in ROHP.	No	No	Complete additional sessions with Animal Science trainer.
Charles River Campus (CRC)								
CRC	6/18/15	Percutaneous Exposure to Left Thumb	BSL2	No	An undergraduate student volunteer sustained a needle-stick injury to his left thumb with a hollow bore needle. The needle had been used to inject a mouse with B estradiol benzoate. The researcher was evaluated and treated at Occ Health on the CRC campus.	No	No	Lab staff were instructed that re-capping needles is not permissible and that use of retractable or sheathed needles is preferred.

National Emerging Infectious Disease Laboratory (NEIDL)								
NEIDL	6/1/15	Splash to Arm	Mechanical Room	No	ROHP received a call from a scientist that a staff person working in the mechanical room sustained a couple of drops of liquid on to his arm from the ceiling above- The liquid was melting condensate from a freezer that contained sealed tubes of C. Diff specimens in a secondary box inside the freezer. The staff member was evaluated in ROHP.	No	No	All equipment should be properly maintained and in good working order with-descriptive inventories and contact information available- Staff have been retrained to notify the control center and EHS in case of any emergency or other situation requiring assistance.
NEIDL	6/15/15	Chemical exposure	1st Floor	No	A staff member reported that he picked up a sealed shipping box containing approximately 6 pint size containers of 35% H2O2 to bring up to store in a corrosive cabinet when he felt something wet on his left hand and right lower mid abdomen. He reports he got approximately 5ml of liquid on himself despite the containers having screw tops and being sealed in another plastic bag. He immediately washed with soap and water, changed out of his shirt and was evaluated and treated in ROHP. This staff member reported he has some white discoloration on his left thumb and middle fingers otherwise no complaints.	No	No	Upon receipt, shipments will be inspected for signs of leakage.
Other - Collaborating Laboratory		No incidents						

** Indicates if incident is reportable to local, state or federal agency (e.g. Centers for Disease Control, National Institutes of Health, Boston Public Health Commission, etc.)*

**** Campus Location**

BUMC - Boston University Medical Center

CRC - Charles River Campus

NEIDL - National Emerging Infectious Disease Laboratories

Other - work done at collaborating laboratories