**POST-EXPOSURE PROTOCOL**

Exposure protocol applies to puncture wounds due to contaminated needles or sharp instruments, a splash of Blood/Body Fluids, hazardous chemicals or biological agents into the eyes, mouth or non-intact skin, bites and/or scratches.

**PROCEDURE**

1. **Get immediate First Aid**
   - For needle stick injuries
     - encourage bleeding of injury site
     - wash injury site thoroughly with soap and water
     - cover area with sterile dressing if necessary
     - consult MSDS/PSDS if applicable
   1.1. **If eye/mucosa splash** - Flush with water for 15 minutes
        Consult MSDS/PSDS if applicable

2. **Report incident to supervisor**

3. **Seek medical advice within 2 hours, bringing immunization records if possible,** applicable MSDS/PSDS, this Protocol and any other information which will detail the hazards of the agent to which you have been exposed.

**Contacts for medical advice are as follows:**

<table>
<thead>
<tr>
<th><strong>FORT GARRY CAMPUS STAFF</strong></th>
<th><strong>BANNATYNE CAMPUS STAFF</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Proceed to Victoria General Hospital Urgent Care for assessment within 2 hrs of exposure.</td>
<td>Winnipeg Regional Health Authority Occupational and Environmental Safety &amp; Health WRHA-OESH SR 149 - 700 William Ave, Main Floor, Purple Bear Zone - across from Stevens Medical Monday to Friday: 7:00 am - 3:15 pm</td>
</tr>
<tr>
<td>Victoria General Hospital 2340 Pembina Hwy Winnipeg, MB</td>
<td>For human blood/body fluid exposures, call OESH (204-787-3312) stating circumstances of the exposure. <strong>If no response proceed to HSC Emergency for assessment within 2 hrs of exposure.</strong></td>
</tr>
</tbody>
</table>

For all other exposures report to HSC Emergency Department within 2 hours

Please contact the Occupational Health Coordinator the next day (204-474-6438) & complete a green card, notice of injury form.


Updated June 2019
Environmental Health and Safety

Waste Disposal Chart for Laboratories

This chart is a guide, for more information contact Environmental Health and Safety at hazwaste@umanitoba.ca [Revised June 2019]

Laboratory Waste

**Liquids**
- **Non-toxic Water Soluble Liquids**
  - Buffers, <20% Alcohol (ethanol, methanol)
- **Waste Machine Oil**
- **Concentrated Acids, Basics and All Other Chemicals and Chemical Waste**
- **Unwanted Dry Chemicals and Chemically Contaminated Waste**
  - (e.g. Ethidium Bromide)

Collect in a suitable container. Store Securely. Follow the Occupational Hygiene Protocol. Fill out the electronic hazardous waste form and email to hazwaste@umanitoba.ca for pick up. At Bannatyne Campus, bring Hazardous Waste in secondary containment (with the Hazardous Waste form) to room 071, Brodie Centre on the scheduled days.

Disposal through EHS - send email to hazwaste@umanitoba.ca
Method of Disposal determined by EHS.

Pour down a laboratory drain. Flush with copious amounts of cold water.

**Solids**
- **Sharps**
  - Needles, blades, scalpels, tips.
  - Pack chemically involved in puncture-proof containers. Pack biomedical involved in autoclavable sharps containers that must be autoclaved (See note 6)
- **Glass**
  - Broken glass, brittle plastic tips (not used with biologicals)
  - Pack securely in the “GLASS” boxes provided by P. Plant Tips in clear bag lined boxes
- **Paper and Disposables**
  - Gloves, lab mat (uncontaminated)
  - Dispose with regular garbage (black bags)

Dispose through Physical Plant Caretaking Services

1. NO CHEMICALS ARE TO BE LEFT FOR THE UNIVERSITY OF MANITOBA CUSTODIAL STAFF.
2. All hazardous waste must be labelled with EHS Hazardous Waste Labels or original labels if original contents.
3. Empty reagent bottles are to be rinsed and have the labels defaced.
4. Contact manufacturer/supplier for disposal of empty/unused compressed gas cylinders; consult EHS for consultation.
5. Animal carcasses are to be incinerated.
6. All potentially infectious materials (i.e. using biological agents) consult the University of Manitoba Biowaste Disposal Guidelines.
7. Radioisotope users should consult the University of Manitoba “Waste Disposal Chart for Radioisotope Users”.

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The intent of the Guideline is to establish and uphold a standard in chemical safety in University of Manitoba labs to protect workers, students, the public and the environment from hazardous incidents, exposures and spills.

**Basic Lab Safety expectations where Chemicals or WHMIS Hazardous Products are used:**

- No food or drink shall be consumed or stored in the lab
- Individuals shall act in a manner that minimizes the risk of incidents hazardous to people or the environment
- Use equipment only for its designated purpose
- Conduct a hazard assessment prior to experiment start up
- Wear appropriate Personal Protective Equipment (PPE)

**Responsibility of individual lab workers:**

- Learn how to handle, use and store chemicals in the lab
- Learn how and when to use personal protective equipment
- Know your spill clean up procedures
- Know your emergency response procedures
- Know how to safely dispose chemical waste in the lab
- Know how to handle and transport compressed gas cylinders and cryogens
- Know how to report an accident
- Know the location of your emergency shower and eyewash station
- Know how to access chemical inventory

**Do you...**

- have a working alone procedure?
- know your safe work procedures?

For more information, please view the Chemical Safety Guideline Document, please visit: umanitoba.ca/chemsafety/chemicalsafetyguideline