TTU Department of HESS Laboratory Training and Emergency Procedures

Note: Anyone working in this lab who is handling animal or human blood participates in the biological safety training at http://ehs-server.ehs.ttu.edu/Web/TrainModDesc.aspx

If you are accidentally stuck with a needle that has been exposed to human blood:

REPORT the incident to the Needlestick Hotline 404-727-4PEM (4736) 24/7

Also call Environmental Health and Safety to report the incident at 742-3876
If after hours call the TTU Police at 742-3931 or Emergency Maintenance at 742-3301

THIS IS AN EMERGENCY AND SHOULD BE TREATED SERIOUSLY

STUDENTS

Follow the procedures listed in the lab manual in room 121 for accidental needle sticks. Go to the Student Wellness Center located at 1003 Flint Ave. on the TTU campus. The phone number is 743-2860. Take the TTU POST EXPOSURE PACKET with the form labeled Contaminated Sharps Injury Reporting Form with you. This packet can be found in on the book shelves in laboratory 121. When completed send the forms to Environmental Health and Safety at MS 1090, 122 Administrative Support Center (806) 742-3876.

If the Student Wellness Center is closed (open 8 am to 6 pm) go to the nearest emergency room. The UMC Emergency Medical Center’s number is 775-8450. It is located at 602 Indiana Avenue. You can also go to Covenant Emergency Center located on 6515 19th Street; their number is 725-4288.

STUDENTS OR FACULTY

Follow the procedures listed in the lab manual found in room 121 for accidental needle sticks. Go to your PCP immediately or to the emergency room if after hours. The UMC Emergency Medical Center’s number is 775-8450. It is located at 602 Indiana Avenue. You can also go to Covenant Emergency Center located on 6515 19th Street; their number is 725-4288. Take the TTU POST EXPOSURE PACKET with you. This packet can be found on the book shelves in laboratory 121. When completed send the forms to Environmental Health and Safety at MS 1090, 122 Administrative Support Center (806) 742-3876.
EMERGENCY PROCEDURES
FOR EXPOSURE TO BLOOD OR FLUID & ACCIDENTAL NEEDLE STICK

Exposure Response

<table>
<thead>
<tr>
<th>Eye Splashes</th>
<th>Splashes on Oral or Nasal Mucosa</th>
<th>Skin Exposure or Needle stick</th>
</tr>
</thead>
</table>
| - Remove Contacts
  - Immediately flush with cold water for 15 minutes. | - Flush vigorously with cold water for 15 minutes. | - Immediately flush wash thoroughly with soap and water. |

- The exposed person should take 2 tiger top collection tubes of the blood of the source person with them to the student wellness center, emergency room, or their PCP (whatever the case may be). If the source person’s blood has not been collected, then the source person should accompany the exposed person to the clinic.
- Get contact information for the source person
  - Name ______________________________
  - Address ______________________________
  - Telephone # ______________________________
  - E-mail ______________________________
- If a TTU student, identify yourself at the Student Wellness Center or at UMC Emergency Room as a TTU student who has received needle stick/exposure.
- If a faculty member or employee of TTU, identify yourself at the UMC Emergency Room as a TTU faculty member or employee who has received a needle stick/exposure.
- Take the form labeled Contaminated Sharps Injury Reporting Form with you and begin filling it out as soon as possible. This can be found in the back of the laboratory manual. When completed send the form to Environmental Health and Safety at MS 1090, 122 Administrative Support Center (806) 742-3876.

If the Emergency Center has any questions regarding procedure, call the Needlestick Hotline at 404-727-4PEM (4736) 24/7
Routine requirements for exposure:

SOURCE PERSON LABORATORY REQUEST (Need 2 Tiger Top Tubes)

_____Hepatitis B Surface Antigen (BSAG)
_____Hepatitis C (HEPC)
_____HIV

EXPOSED PERSON LABORATORY REQUEST (PEP Protocol requires 2 tiger tops and 1 purple top tube). Use only if post-exposure medication is started by the exposed person. Prophylaxis (anti-viral medication) should be started within a 4 hour window of the exposure if the source person has a high risk of being HIV positive (then follow the prophylaxis exposure plan).

Follow PEP (prophylaxis exposure plan) OR Unknown Exposure

<table>
<thead>
<tr>
<th>PEP Protocol Labs (2 tiger top and 1 purple top tubes)</th>
<th>Unknown Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis B Surface Antibody BSAB</td>
<td>Hepatitis B Surface Antibody BSAB</td>
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<tr>
<td>Hepatitis C</td>
<td>Hepatitis C</td>
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<td>HIV</td>
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<td>AST</td>
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<tr>
<td>Creatine</td>
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</tbody>
</table>

If the results of the source person come back preliminary positive for HIV, additional samples will be sent out for a Western Blot.

- There is a 10 day window for the exposed person from the date of the exposure for the results of the source person’s lab results to come back for follow-up procedures,
- Follow up lab testing may be needed for the exposed person at baseline, 6 weeks, 3 months, and 6 months depending on the laboratory results. This follow-up care should be provided by your health care provider. If prophylaxis is prescribed, medication refills should be co-ordinated by your healthcare provider.