

# UNIVERSAL HUMAN BLOOD AND BODY FLUID PRECAUTIONS

The following are the key elements of the University of Michigan's plan to control occupational exposures to bloodborne pathogens. Employees must consider **ALL human blood and other body fluids** as potentially infectious materials and use appropriate protective measures to prevent exposures.

Hand-washing	Personal Protective Equipment (PPE)	Contaminated Sharps	Blood or Body Fluid Exposure	Control the Risk
<p>Extremely important to prevent the spread of biological contamination</p> <p><b>Wash hands:</b></p> <ul style="list-style-type: none"> <li>• After contacting blood or body fluids</li> <li>• After removing gloves</li> <li>• Before leaving the laboratory</li> </ul> <p>Wet hands, apply soap, rub hands vigorously for 15 seconds and rinse</p> <p>Keep fingernails short</p> <p>Scrub nail area</p> <p>If hand-washing facilities are unavailable use an appropriate antiseptic hand cleaner or antiseptic towelette. As soon as possible, rewash hands with soap and running water.</p> 	<p>Dependent on anticipated exposure and task performed</p> <p>PPE worn may include:</p> <ul style="list-style-type: none"> <li>• Safety glasses</li> <li>• Splash goggles</li> <li>• Face shield</li> <li>• Shoe covers</li> <li>• Face mask</li> <li>• Gloves</li> <li>• Apron</li> <li>• Lab coat</li> <li>• Head covers</li> </ul> 	<p>Discard in appropriate sharps container</p> <p><b>DO NOT</b> recap, bend or break needles</p> <p><b>DO NOT</b> over fill sharps containers</p> <p>Transport reusable sharps in a leak proof, puncture-resistant container</p> <p>Use a mechanical device (forceps, tweezers) to place contaminated broken glass in a sharps container</p> 	<p>Immediately wash affected skin with soap and water</p> <p>Flush affected eye(s) with water for 15 minutes</p> <p>Apply first-aid, if necessary</p> <p>Report incident to your Supervisor</p> <p>Report to a University occupational medicine provider:</p> <p><b>Campus employees</b> MWorks 734-998-8788</p> <p><b>Hospital employees</b> Employee Health Service 734-764-8021</p> 	<p>Use engineering controls:</p> <ul style="list-style-type: none"> <li>• Sharps disposal containers</li> <li>• Hand-washing facilities</li> <li>• Biological safety cabinets</li> <li>• Autoclaves</li> </ul> <p>Follow safe work practices</p> <p>Wear appropriate PPE</p> <p>Hepatitis B vaccination</p> <p>Exposure Control Plan (ECP) All labs that work with potentially infectious materials must have a customized ECP available (See OSEH website).</p> <p>Annual bloodborne pathogens refresher training is <b>REQUIRED</b></p> 
General Housekeeping	Blood or Body Fluid Spill Clean-Up	Transport	Regulated Waste Disposal	Biohazard Symbol
<p>Maintain work area in a clean and sanitary condition</p> <p>Decontaminate work surfaces after procedures and when they become contaminated</p> <p>Remove protective work surface coverings when contaminated</p> 	<p>Wear appropriate PPE</p> <p>Cover spill area with absorbent material (paper towels, blue pads, etc.)</p> <p>Saturate spill area with approved disinfectant</p> <p>Wait 20 minutes</p> <p>Place waste/contaminated materials in autoclave (biohazard) bag for disposal</p> 	<p>Consider all laboratory specimens as potentially infectious</p> <p>Primary specimen containers are to be placed in a secondary container</p> <p>Secondary container must be:</p> <ul style="list-style-type: none"> <li>• Closeable</li> <li>• Leak proof</li> <li>• Labeled with biohazard sticker</li> <li>• Labeled with contact information</li> </ul> <p>If necessary, attach requisition slips to the outside of secondary container</p> <p>Decontaminate or cover reusable, soiled equipment during transport</p> 	<p>Dispose of sharps in an appropriate plastic sharps container</p> <p>Place sharps containers in areas where sharps are commonly used</p> <p>Collect solid biohazard materials in 5-gallon biohazard pails available through OSEH</p> <p>Autoclave contaminated disposable items and culture media</p> <p>Autoclave bags must:</p> <ul style="list-style-type: none"> <li>• Be clear (not orange or red) and</li> <li>• Display a biohazard symbol and</li> <li>• Display a color-change indicator</li> </ul> 	<p>Used to identify:</p> <ul style="list-style-type: none"> <li>• Contaminated materials</li> <li>• Equipment which cannot be completely decontaminated</li> <li>• Laboratories where potentially infectious materials are used</li> <li>• Equipment where potentially infectious materials are stored or used</li> </ul> <p>Contact OSEH for labels</p> 

Contact OSEH (734) 763-6973 for assistance, training or copies of this poster.