

## University of Washington Biohazardous Waste Streams Harborview Medical Center

	<u>Biomedical/Biohazardous Waste, Including Recombinant and Synthetic DNA/RNA Waste</u>	<u>Laboratory Glass and Plasticware Waste</u>	<u>Sharps Waste</u>	<u>Human Pathological Waste</u>
<b>Identification</b>	<ul style="list-style-type: none"> <li>• Human blood, tissue, cells</li> <li>• Pathogenic agents (bacteria, rickettsia, fungi, viruses, protozoa, parasites and prions)</li> <li>• Recombinant and synthetic DNA/RNA, cultures, stocks and cell lines containing recombinant or synthetic DNA/RNA</li> <li>• Lab waste that has come in contact with the above listed biohazards</li> <li>• <i>Combining bio and other hazardous waste? Contact EH&amp;S Research &amp; Occupational Safety.</i></li> </ul>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Laboratory glass and plasticware waste that could puncture a plastic bag (e.g., serological pipettes, glass test tubes)</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Sharps waste (All needles, hypodermic needles, IV tubing with needles attached, syringes, lancets, scalpel blades; <i>Also, if contaminated with biohazardous material: broken glass, razor blades, glass slides &amp; cover slips, fragile glass tubes, vials or ampoules, including Pasteur pipettes)</i></div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Pathological waste obtained from HMC sources (e.g., human tissues and anatomical parts that emanate from surgery, obstetrical procedures, autopsy, teaching and research laboratories)<sup>1</sup></div>
<b>Segregation</b>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%; text-align: center;">Operatory liquid waste</div> <div style="border: 1px solid black; padding: 5px; width: 30%; text-align: center;">Materials containing free-flowing blood, blood products or body fluids</div> <div style="border: 1px solid black; padding: 5px; width: 30%; text-align: center;">Laboratory biohazardous waste</div> </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Biohazardous medical laboratory glass and plasticware</div>		
<b>Containment</b>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Collect liquid in a medical vacuum.</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto; margin-top: 20px;">Collect waste in red, plastic waste container, lined with a biohazard bag, tight-fitting lid and biohazard label. When full, liner is loosely tied or taped closed.</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Package in biohazard bag, then in heavy cardboard box. Close and label box with autodave tape, LABORATORY GLASS tape and biohazard symbol.</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Place in a rigid, red, plastic, biohazard labeled sharps container. When no more than 2/3 full, close lid. Contact Environmental Services* for pickup and transport to a secure, indoor storage area.</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Package material in grey plastic bin, lined with a biohazard bag. Contact Environmental Services* for pickup and transport to a secure, indoor storage area.</div>
<b>Treatment</b>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Environmental Services* transports and autoclaves containers.</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto; color: blue;">Autoclave waste</div>		
<b>Disposal</b>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Disposal via sanitary sewer</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto; margin-top: 20px;">Disposal via municipal waste</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Place LABORATORY GLASSWARE box NEXT TO, BUT NOT IN regular trash container. Environmental Services* transports for disposal via municipal waste.</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Sharps containers are collected by HMC biohazardous waste contractor</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Collected by HMC biohazardous waste contractor</div>

<sup>1</sup>Follow suppliers instructions for pathological waste obtained from non-HMC sources.

**Treatment & Disposal Services:** \* HMC Environmental Services/Hospitality 206.744.3131

**EH&S Research & Occupational Safety**  
Phone: 206.221.7770  
E-mail: [ehsbio@uw.edu](mailto:ehsbio@uw.edu)

[Transporting Bio Waste](#)

