

# Bloodborne Pathogens - Design Document

<p><b>Business Purpose</b></p>	<p>Mercy Medical Hospital is a teaching hospital, and as a result, there are many people who come and go. The hospital administration needs a way to have all new staff members know how to protect themselves from bloodborne pathogens. As with any medical setting, the possibility of coming in contact with a bloodborne pathogen is a risk staff members take. The hospital administration noticed new employees needed the appropriate background information on what bloodborne pathogens they need to be aware of, the severity of coming in contact with a bloodborne pathogen, and where the possibility of exposure exists. The hospital administration would like to have the course available quickly. After this training, staff will be able to enter a situation safely and prevent their own exposure to bloodborne pathogens and the appropriate responses should they come in contact with bodily fluids.</p>
<p><b>Target Audience</b></p>	<p>The target audience includes</p> <ul style="list-style-type: none"> <li>● Intern residents</li> <li>● Vocational nurses</li> <li>● Certified nursing assistants</li> <li>● Medical assistants</li> <li>● Janitorial staff</li> <li>● Hospital food services</li> <li>● as well as anyone who is new to Mercy Medical Hospital</li> </ul>
<p><b>Training Time</b></p>	<p>30 minutes Rise 360 course</p>
<p><b>Training Recommendations</b></p>	<p>Due to the variety of staff members that need to be trained, the different schedules they keep, as well as the time constraints the hospital is in, an eLearning course developed in Rise 360 is the best option.</p> <ul style="list-style-type: none"> <li>● Level 2 eLearning course</li> <li>● Hiring and staff rotations happen often, so an eLearning course is recommended.</li> <li>● 1 eLearning course via RISE 360</li> <li>● Course will include interactions such as flip cards, photos, and interactive tabs to present information to the learner.</li> <li>● Knowledge checks between each topic</li> <li>● Final evaluation</li> </ul>
<p><b>Deliverables</b></p>	<ul style="list-style-type: none"> <li>● 1 eLearning course             <ul style="list-style-type: none"> <li>○ Developed in Articulate Rise 360</li> <li>○ Sourced medical visuals to accompany text</li> <li>○ Final Evaluation</li> </ul> </li> </ul>
<p><b>Learning Objectives</b></p>	<p>By the end of this course, you will be able to</p> <ul style="list-style-type: none"> <li>● Define the most common bloodborne pathogens of concern</li> <li>● Determine areas where possible contamination could occur</li> <li>● Identify ways to protect yourself when working in and around areas where potential exposure could occur.</li> <li>● Identify post-exposure procedures</li> </ul>

<p><b>Training Outline</b></p>	<p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>● Introduction to the course to include the purpose of the course, description of the desired outcome, and objectives.</li> </ul> <p><b>Topic: Bloodborne Diseases</b></p> <ul style="list-style-type: none"> <li>● Introduction to the bloodborne pathogens of concern. <ul style="list-style-type: none"> <li>○ HIV/Aids</li> <li>○ Hepatitis B</li> <li>○ Hepatitis C</li> </ul> </li> </ul> <p><b>Topic: Is it contaminated?</b></p> <ul style="list-style-type: none"> <li>● Highly contaminated</li> <li>● Contaminated</li> <li>● Cleaned and Disinfected</li> <li>● Microbe-free</li> </ul> <p><b>Topic: How to prevent transmission</b></p> <ul style="list-style-type: none"> <li>● Protective practices <ul style="list-style-type: none"> <li>○ PPE</li> <li>○ Engineering Controls</li> <li>○ Best Work Practices</li> </ul> </li> </ul> <p><b>Topic: In the event of exposure</b></p> <ul style="list-style-type: none"> <li>● Steps to take after you have been exposed</li> </ul>
<p><b>Assessment Plan</b></p>	<p>80% passing on eLearning module assessment of 5 questions. Questions range from multiple-choice to multiple-response questions. Questions will assess each of the objectives.</p>