



## HSSI Assessment

### Preparing, Packaging, and Dispensing Blood Products

#### Purpose of Needs Assessment

- To determine what will be evaluated using system-focused simulation- highest risk and highest likelihood concerns/opportunities/changes brought forward by stakeholders
- Identify scenario pre-determined objectives
- Answer \*key questions with all stakeholders- consider people/tasks, tools and technology, environment and organization
- Consider resources, timelines, logistics, and pre-existing data
- Consider what is a reasonable number of pre-determined objectives per scenario

#### How to Do a Needs Assessment



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| <ul style="list-style-type: none"> <li>• Facilitate a discussion with stakeholders (most common approach)</li> <li>• Consider options such as email to share in advance</li> </ul> | <ul style="list-style-type: none"> <li>• Facilitate discussion using Key Questions (below)</li> <li>• Determine the highest risk and highest likelihood concerns/opportunities</li> <li>• Decide which to include in the simulation(s)</li> <li>• Decide how many scenarios you will require</li> </ul> |
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#### Review Project Goal

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| <ul style="list-style-type: none"> <li>○ New space</li> <li>○ New Process (policy, procedure, order set)</li> </ul> | <ul style="list-style-type: none"> <li>○ Current space</li> <li>• Current process (policy, procedure, order set)</li> </ul> |
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#### Key Questions

1. What is the problem or opportunity you will use simulation for?
  - Leadership wants more work done to uncover root cause - since little change in adverse event reporting related to preparing, packaging and dispensing blood products after safety reviews and quality improvement recommendations
2. What is new or improved in the space or process?
  - No changes with space or process
  - A few new hires
3. What are the greatest concerns or risks related to this- any anticipated barriers to implementing potential changes?
  - 89% RLS reports identify potential hazards; 9% minimal patient harm, 1% medium patient harm and less 1% associated with mortality- 2 deaths reported over 2 years
  - How products are prepared, packages and dispensed in the lab
4. What is not changing?
  - Workflow: physician order for blood-technician selects blood product and prepares- technologist labels product-completes order- call porter to transfer blood to requesting unit

<p>5. What does the use of this process or space look like when used on a regular day?</p> <ul style="list-style-type: none"> <li>laboratory processing up to 200 different orders a day just related to administration of blood products- general adult population and oncology center for city</li> <li>multiple users</li> <li>located in busy area of hospital</li> </ul>	
<p>6.. What does the use of this process or space look like when used with an emergent event?</p> <ul style="list-style-type: none"> <li>Upwards of 40 STAT blood orders every day; trauma center and MTP everyday</li> </ul>	
<p>7. Who are all the stakeholders who are impacted-are there any constraints within which the work is to be done?</p> <ul style="list-style-type: none"> <li>Patients/families, laboratory technologist dispensers, physicians, nurses, porters, leadership teams in all areas, quality improvement director-unit clerks</li> </ul>	
<p>Pre-determined Objectives</p>	
1.	3.
2.	4.
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>SimSafety@HealthcareSSI.</p> </div> <div style="text-align: center;">  <p>www.HealthcareSSI.com</p> </div> </div>	

