# CENTRIFUGE SAFETY WORK PRACTICES

- Each operator must be trained on the proper operating procedures.
- Keep a log detailing operation records for centrifuges and rotors.
- Do not exceed safe rotor speed.
- Place a biohazard label on centrifuge if used for human material or infectious agents.
- Always use sealed safety buckets or sealed rotors with O-rings.
- Check tubes and bottles for cracks and deformities before each use.
- Examine O-ring and replace if worn, cracking or missing.
- Never overfill primary containers; do not exceed $\frac{3}{4}$ full.
- Always load and unload sealed safety buckets or rotors in the biosafety cabinet—NEVER OPEN OUTSIDE Biosafety Cabinet.
- Wipe exterior of tubes or bottles with disinfectant prior to loading into safety buckets or rotors.
- Wipe the exterior of safety buckets or rotors with disinfectant before removing from biosafety cabinet.
- Stop the centrifuge immediately if an unusual condition, such as noise or vibration, begins.
- Wait five minutes after the run before opening the centrifuge to allow aerosols to settle in the event of a breakdown in containment.
- Decontaminate centrifuge interior after each use.
- Wash hands with soap and water after removing gloves.

## CENTRIFUGE SPILL

If a leak outside the safety bucket or rotor is noticed when opening centrifuge:

<table>
<thead>
<tr>
<th>1-FIRST</th>
<th>2-THEN</th>
<th>3-NOTIFY PI OR SUPERVISOR</th>
<th>4-DECONTAMINATE</th>
<th>5-FOR CENTRIFUGE EXPLOSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Hold breath</td>
<td>- Immediately leave the lab</td>
<td>- DO NOT re-enter lab until PI and EHS have given clearance (at least 30 minutes)</td>
<td>- Remove PPE turning exposed areas inward</td>
<td>- Evacuate room immediately</td>
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<tr>
<td>- Close centrifuge lid</td>
<td>- Post biohazard spill sign</td>
<td>- Follow centrifuge spill instructions in the Biosafety Manual</td>
<td>- Place disposable PPE in biomedical waste (autoclave reusable PPE)</td>
<td>- Notify PI and EHS</td>
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<td>- Notify others to evacuate the lab</td>
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