# Risk Assessment Form

<table>
<thead>
<tr>
<th>Group:</th>
<th>Personnel involved: All Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIHR Cambridge BRC Immunophenotyping Hub</td>
<td>listed on</td>
</tr>
<tr>
<td></td>
<td><a href="https://www.med.cam.ac.uk/nihr-cambridge-brc-cell-phenotyping-hub/staff-and-links/">https://www.med.cam.ac.uk/nihr-cambridge-brc-cell-phenotyping-hub/staff-and-links/</a></td>
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## Activity being assessed:

- Lifting and Manual Handling

## Hazards identified:

1. Direct Physical Injury from lifting heavy or awkward equipment
2. Physical Injury to other people during lifting procedures
3. Indirect Injury due to placement of heavy items
4. Injury during filling or emptying sheath and waste tanks on flow cytometers.
5. Exacerbation of chronic musculo-skeletal conditions

Reviewed 13th March 2023
**Control measures to reduce the level of risk:**

1. All Hub staff are advised to attend the University of Cambridge lifting and handling course: [https://www.training.cam.ac.uk/event/2982652](https://www.training.cam.ac.uk/event/2982652)

2. During installation, removal or movement of heavy equipment, access to the relevant areas should be restricted to people directly involved. Machines present in such an area should be booked out as unavailable on online calendars.

3. All major equipment should be installed on benching strong enough to take the weight and deep enough for equipment not to overhang.

4. Most of our flow machines feature fluid tanks (sheath and waste) varying in capacity from 2 to 16l. These are refilled from 20l commercial supplies. These vessels can be unwieldly and heavy. To prevent injury, a supply should be kept near to the machines. Measuring cylinders and hose extended taps are provided to assist staff in refilling. Movement of these fluid reservoirs between labs can be facilitated by trolley.

5. All staff must inform the director of the facility (Anna Petrunkina) of any pre-existing injury. Injured staff are exempt from refilling duties and will be referred to the Occupational Health Service if appropriate

**Emergency procedures**

**First Aid:**

Refer to: Appendix XIII of the Institutes ‘Health and Safety Manual’

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<thead>
<tr>
<th>Name and status of assessor: Simon McCallum</th>
<th>Date of assessment: 13th March 2023</th>
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<tbody>
<tr>
<td>Signature of assessor:</td>
<td>Revision due date: 13th March 2024</td>
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