Risk Assessment Form

<table>
<thead>
<tr>
<th>Person responsible:</th>
<th>Personnel involved: Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simon McCallum</td>
<td>Staff 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:
Reconfiguration of Flow Cytometric Analysers including the FACSCantoII, AttuneNXT, LSR-II and Fortessa machines

Hazards identified:
Laser eye injury - Medium risk
Laser skin injury - low risk
Injury to other personnel - low risk

Control measures to reduce the level of risk
In circumstances where lasers or laser-related optical components are exchanged or upgraded, additional risks exist.

In addition to the precautions taken under ‘6_FACSanalyser-alignment updated 13th March 2023’ Risk Assessment. Optical elements should be installed with the beam shuttered or turned off. Laser safety goggles are available and can be worn to roughly align beams, though these should be set aside when beams are within fine adjustment range.

During these procedures, it is inappropriate for non-involved personnel to be present in the room,
Control measures to reduce the level of risk (cont.):

Adjacent instruments can, if possible, be block booked as 'Maintenance' during the likely duration of operations.

Level of Risk Remaining.

Medium

Emergency Procedures

All suspected laser eye injuries should be investigated clinically and immediately reported to Simon McCallum (LSO) 0787 2525 130 and John O’Brien (DSO)