**Manchester Institute of Biotechnology - Risk Assessment Form**



| **Date:** 23/01/15 | **Assessed by**: Fiona Marriage | **Validated by**: Tanya Aspinall | **Location**: MIB  |  | **Review date:** 22/01/16 |
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| **Task** Dissection of Biological Material of both human and non-human origin. |

| **Activity**  | **Hazard**  | **Person(s) in dange**r  | **Existing measures to control risk**  | **Risk rating**  | **Result**  |
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| Dissection of Biological Material | Biological hazard - risk of infection | Staff and other workers nearby | All staff working with human material should be vaccinated against Hepatitis B, and users of animal tissues should be protected against tetanus. Vaccination is available from Occupational Health.Work is only undertaken in laboratories where there are adequate containment levels for the nature of the material under investigation.The following items of PPE must be worn: Howie-style laboratory coat and BS EN 374 compliant gloves (nitrile) Regular lab inspections monitor the wearing of PPE; users found not to be wearing PPE when the risk assessment states that it must be worn will be subject to the MIB compliance policy.Cuts/abrasions on the hand must be covered with a waterproof dressing.The work area, equipment and instruments used are thoroughly cleaned and decontaminated after use using appropriate methods.Waste material is decontaminated, where necessary, prior to disposal by the appropriate MIB disposal route.Disposable equipment is used whenever practicable. The supervisor ensures that all staff involved in dissection of biological material are given appropriate training in safe working practices, including the procedure to be followed in the event of an accident. The details are given in the MIB Health and Safety Manual.  | low | A |
|  | Cut – Dissecting biological material with scalpels | Staff | All work is to be carried out in the designated class II microbiological safety cabinet using forceps and either disposable scalpels or the correct scalpel blade and handle. Disposable scalpels and removable blades must be discarded in sharps bin. Disposable Scalpels should be used where possible. If using removable blades and handles the removable blade must only be dismantled using the inbuilt blade removal slot on top of the sharps bin. Howie style lab coats and disposable BS EN 374 compliant gloves are worn at all times when handling biological material.All SOPs should be followed for the safe use of scalpel blades. | low | A |

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| **Authorisation by PI** **I confirm that I have considered and understand the experiment and the associated hazards. I am satisfied that all of the hazards have been identified and that the control measures to be followed will reduce the risks to acceptable levels.** **Print name: Signed:****Date:** |

**Declaration by researcher**

**I confirm that I have read this Risk Assessment and that I understand the hazards and risks involved and will follow all of the safety procedures stated. Where PPE has been identified as a control measure, I will ensure that it is worn.**

**Declaration by PI**

**I confirm that the researcher who has signed below is competent to undertake the work. My counter-signature indicates that I am happy for the work to proceed.**

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| **Name (please print)** | **signed** | **PI countersignature** | **date** |
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