



COSHH & Risk Assessment Form

Before any experimental procedure involving the use of chemicals or reagents is undertaken, potential hazards must be identified and an assessment made of the risks posed by these hazards in the work activity in which they are involved. This risk assessment is a legal requirement to comply with the Control of Substances Hazardous to Health (CoSHH) Act and is the responsibility of the research workers supervising the research projects. Before undertaking experimental procedures, all members of staff must read and sign the relevant CoSHH assessments

Title of Procedure: Collection of Fresh Human Tissue for Freezing and storage in Tissue Bank

Labs Involved: Biorepository and NHS Cut Up

Brief Description: The collection from the NHS of fresh human tissue, taken by a pathologist, its snap freezing in liquid nitrogen and its storage in the HTA licensed Tissue Bank.

Please note: Known carcinogens, teratogens and mutagens should only be used in consultation with senior staff and the Departmental Safety Officer. All user must have read University supplementary Code of Practice for the use of such substances and comply with its recommendations. It is important to realise that the use of certain carcinogens is banned by law.

<i>Chemical/Reagent</i>	<i>Hazard</i>	<i>Stock Volume/ Quantity</i>	<i>Emergency Action</i>	<i>Risk level</i>	<i>Precautions</i>	<i>Disposal</i>
Fresh Human Tissue	May contain biological Agents	Small amounts	Take medical advice	Low	Handled in an externally vented hood. Wear appropriate protection.	Fixed in formalin Put in omnium
Liquid Nitrogen	Asphyxiation, cold burns	500ml	Leave room Warm affected Area slowly	Medium	Use in externally vented hood. Wear appropriate protection.	Allow to evaporate in Hood.

Procedure number:4

Trigene

None

500ml

Wear gloves

Down sink with
Lots of water.

Good Laboratory Practice should be adhered at all times

- Common sense at all times!
- Never eat, drink or apply cosmetics in the laboratory.
- Wash your hands in the designated sinks whenever you have finished your lab work.
- Be familiar with the potential hazards involved in your work and take appropriate precautions.
- Wear protective clothing as needed, lab coats are a minimum.
- Keep your work area clean and tidy.
- Dispose of materials appropriately.
- Use appropriate care with electrical equipment.
- Use appropriate care with sharps
- Use appropriate care with substances of extreme temperatures (liquid nitrogen or hot liquids)
- Operate maintain and service all your equipment properly, if in doubt ask!
- Work in appropriate containment hoods where necessary.

Associated risks with procedure:

Staff should have had HEP B vaccination and be aware of the risks associated with working with fresh human tissues and blood and the protocols for incidents involving these.

Assessed by: Steven Haynes **Date:** 27.04.2015

Approved by: Kevin Corke

Date approved: 27.04.2015