

SOP-CRF-1 - V4

Title: What to do in the Event of Spillage of Bodily Fluids and/or Specimens

Effective Date: 16-10-2025 Review Date: 16-10-2028

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Document History

Version	Description of update	Date Effective
3	Scheduled review, no updates	06-09-22
4	Reformatted to GRO Updated IMS handbook link added at 5	16-10-25

1. Scope

- 1.1 This SOP applies to any individual working in the Health Sciences Building (HSB) Clinical Research Facility (CRF).
- 1.2 To describe the procedure for dealing with spillages which occur in the clinical environment.

2. Responsibilities

CRF Manager	Ensure all staff are familiar with NHSG and University of Aberdeen policies and guidelines governing how to deal with spillages. Reporting of accidents or near misses.
Research Staff	It is the responsibility of individual staff to immediately deal with any spillages that occur whilst working, and to report these to their line manager.

3. Procedure

Please note that the CRF lab is designated as Containment Level 2 (CL2) which means that the processing of unscreened bloods or bodily fluids is permitted but the processing of known positive samples for any blood borne virus is not

When specimens of bodily fluids are collected or processed, even if from apparently healthy individuals, they should be treated as potentially infectious and handled at Laboratory Containment Level 2, unless a risk assessment indicates that a higher level of containment is required.

Any trained staff taking blood, or otherwise handling unscreened blood, is strongly recommended to get vaccinated for hepatitis B.

An impervious worktop and hand washing facilities should be available in the room or laboratory where the specimens are processed. The room should be easy to decontaminate after a spillage. Material to clear up a spillage, and to decontaminate the parts of the room affected, should be readily available. Generally good working practices reduce the risk of spills but, when spillages of bodily fluids and/or specimens do occur, they pose a risk of infection to anyone who is exposed, if

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proper precautions are not taken. The hazard is greatly increased where broken glass is involved, due to the risk of laceration.

3.1 Spillage of Blood, Urine or Body Fluids in the Clinic Rooms of the CRF

- For larger volumes eg vomit, please contact Porters on extn 7098 or email them on prj-fhporters1@abdn.ac.uk. They will either contact available cleaning staff or provide access to a Human Spill Kit. There are also similar items available in the cleaner's cupboard in the CRF. If this is locked, the porters can provide access. Disinfect affected area with 10% Chemgene as described below.
- For smaller volumes eg blood, please blot/mop up using available paper towel and disinfect with 10% Chemgene as described below.
- Disinfect affected surface area with **Chemgene**, at a dilution of 1:10 (10mls in 100mls of water). Leave the Chemgene in contact with the surfaces for 10 minutes and then dry the area thoroughly.
- Place all contaminated materials (including gloves, apron etc) in **Red Biohazard Bag** (available from Store Cupboard in office suite 014-019). Seal and dispose of bag as required by local regulations for infected solid waste (two **autoclave** waste bags).
- Wipe hands with **antimicrobial hand wipe**. Wash with soap and running water as soon as possible.

3.2 Spillage of Blood, Urine or Body Fluids in the laboratory of the CRF

- Disinfect affected surface area with **Chemgene**, at a dilution of 1:10 (10mls in 100mls of water). Leave the Chemgene in contact with the surfaces for 10 minutes and then dry the area thoroughly. Diluted Chemgene can be used for **3 months** from the date of dilution.
- Place all contaminated materials (including gloves, apron etc) in a **Red Biohazard Bag** (available from Store Cupboard in office suite 014-019). Seal and dispose of bag as required by local regulations for infected solid waste (two **autoclave** waste bags).

3.3 Exposure to bodily fluids

Any exposure to bodily fluids should be dealt with in accordance with SOP-CRF-2-Dealing with a needle-stick or mucous membranes exposure to blood or body fluids.

3.4 Waste and its Disposal

The waste created from the spillage should be dealt with in accordance with the SOP-CRF-3- Disposal of Waste Materials from the CRF.

4. Abbreviations and definitions



CRF	Clinical Research Facility
HSB	Health Sciences Building

5. Related documentation and references

SOP-CRF-2	Dealing with a needle-stick or mucous membranes exposure to blood or body fluids
SOP-CRF-3	Disposal of Waste Materials from the CRF

- University of Aberdeen, IMS Safety A-Z
<https://www.abdn.ac.uk/ims/about/safety/ims-safety-a-z/>
- ICH/GCP Guidelines - <https://www.ich.org/page/efficacy-guidelines>
- Safe working and the prevention of infection in clinical laboratories and similar facilities
<http://www.hse.gov.uk/pubns/books/clinical-laboratories.htm>

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