
STANDARD OPERATING PROCEDURE

TITLE: Maintenance of Human Post Exposure and Primate Sampling Kits, Non Human Primate Module, West Valley Building, University of Western Ontario

SOP NO.: WV 602-01

REVISION: 01

EFF. DATE: DRAFT

SUPERSEDES:

- 4.1.1 Operating Room 36, Post Mortem Room 44, Quarantine Room 43, The main central corridor to the unit- once by the eye wash station, once outside the Operating room 36
- 4.2 Each Human Post-Exposure Kit contains:
 - 4.2.1 Surgical Scrub Brush impregnated with Povidone Iodine Surgical Soap (i.e. Betadine) OR Chlorhexidine surgical soap (i.e. Hibitane)
 - 4.2.2 One screw-top plastic bottle with 1 litre of water
 - 4.2.3 One screw-top plastic bottle with 109 millilitres of bleach
 - 4.2.4 Four pairs of disposable nitrile gloves
 - 4.2.5 One - copy of this SOP
 - 4.2.6 One - permanent fine-tipped marker
 - 4.2.7 One - portable eyewash bottle filled with sterile 0.9% physiological saline
 - 4.2.8 One - "*Exposure Procedure Summary Sheet*" (printed on pink paper and appended as Appendix 1)
 - 4.2.9 One - "*Advice to Employees Working with Non-Human Primates and to Physicians Treating Human Exposures*" (printed on blue paper and appended as Appendix 2)
 - 4.2.10 One - Primate Exposure Sample Kit
- 4.3 Each Primate Exposure Sampling Kit contains:
 - 4.3.1 Four - 5ml redtop vacutainer
 - 4.3.2 One - vacutainer holder
 - 4.3.3 Three - 22g vacutainer needles
 - 4.3.4 Ten - gauze squares
 - 4.3.5 Thirty millilitres of alcohol in a screw-top plastic container, OR 15 pre-packaged alcohol swabs
 - 4.3.6 Four - tongue depressors
 - 4.3.7 Four - pairs disposable nitrile gloves
 - 4.3.8 Eight – Multitrans viral swabs
 - 4.3.9 Two - Starplex sterile urine collection containers labelled "Inanimate Object"
 - 4.3.10 One - fine-tipped permanent marker

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SUPERSEDES:

- 4.4 Veterinary Services Technicians will maintain both the Human Post-Exposure Kit and the Primate Exposure Sampling Kit.
 - 4.4.1 Kits will be inspected once a month
 - 4.4.2 Materials will be replaced as used
 - 4.4.3 Expired materials shall be replaced
 - 4.4.4 Bleach will be replaced with fresh bleach *each month*
 - 4.4.5 Water will be replaced with fresh water *each month*
 - 4.4.6 Eye wash shall be replaced with fresh solution *each month*
 - 4.4.7 Bleach, water, and eyewash bottles will be dated and initialled at the time of contents replacement

4.5

5.0 HEALTH & SAFETY

- 5.1 Risks of working with NHPs, their body fluids, and tissues.
 - 5.1.1 All macaques, and their body fluids and tissues, should be considered carriers of B-Virus which in the event of an exposure can cause fatal disease in humans
 - 5.1.2 Working with NHPs (and their body fluids and tissues) of any species has inherent risks of zoonotic diseases as well as risks from the animals themselves, and from equipment, materials and agents used in NHP husbandry.
 - 5.1.3 All personnel working with NHPs (including body fluids and tissues) and their supervisors, must be familiar with the ACVS document Research Using Non-Human Primates – Safety Concerns for Personnel
- 5.2 Reducing the Risks Associated with NHP
 - 5.2.1 All personnel working with NHPs, or their body fluids or tissues, must be familiar with and agree to follow the applicable SOPs
 - 5.2.2 All personnel working with NHPs, or their body fluids or tissues, or treating exposed personnel, must be familiar with the Staff Health Policy: Advice to Employees Working with Non-Human Primates and Physicians Treating Human Exposures
 - 5.2.3 Personnel may not work with NHPs, and their body fluids and tissues, until all training has been completed
 - 5.2.4 SHARPS i.e. needles, syringes, broken glass, etc. shall be disposed of in the appropriate labeled container. Needles must never be recapped while holding the needle cover.

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SUPERSEDES:

- 5.2.5 All personnel working with NHPs, and their body fluids and tissues, must be familiar and comfortable with the use of Personal Protective Equipment
 - 5.2.5.1 All personnel must undergo NIOSH mask fit-testing

6.0 REVISION HISTORY

Revision	Reason(s) for Revision	Initiated by

7.0 REFERENCES / ASSOCIATED MATERIALS

- 7.1 National B Virus Resource Centre, <http://www.gsu.edu/~wwwvir/>
- 7.2 Centers for Disease Control and Prevention, <http://www.cdc.gov/ncidod/diseases/bvirus.htm>

8.0 ATTACHMENTS

- 8.1 Appendix 1: Exposure Procedure Summary Sheet
- 8.2 Appendix 2: Advice to Employees Working with Non-Human Primates and to Physicians Treating Human Exposures