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## STANDARD OPERATING PROCEDURE

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**TITLE:** Visitor Access Procedures, Non-Human Primate Module, West Valley Building, University of Western Ontario

**SOP NO.:** WV 476-01

**REVISION:**

**EFF. DATE:** DRAFT

**SUPERSEDES:** NA

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3.2.1 Determine if there are reasons to deny entry to a visitor. These include security and health risks.

3.3 ACVS DIRECTOR

3.3.1 Approve visitors as per SOP 475 “*Approval Policy for Visitors to Non Human Primate Areas*”

3.4 FACILITY MANAGER OR DESIGNATE

3.4.1 Keep signatures and approval documents on file

3.4.2 Accompany visitors or appoint a designate if requested by the ACVS Director

3.5 RESEARCH STAFF

3.5.1 Accompany visitors into the module if requested by the ACVS Director.

#### 4.0 PROCEDURE

4.1.1 You must arrive with the original documentation and signatures as specified in SOP 475 “*Approval Policy for Visitors to Non Human Primate Areas*”, or you will be denied access

4.1.2 You must sign the visitor log book at the Main Security Desk and be connected with your guide into the module at that point . .

4.1.3 You must be accompanied in the module by designated ACVS or Research Staff, as determined by the ACVS Director.

4.1.4 Do not come into direct contact with a Non-Human Primate (NHP) under any circumstances.

4.1.5 Wear close-toed shoes.

4.2 ENTERING THE NHP MODULE

4.2.1 Enter the NHP Module through Change Room 30 only. There is a Security Access log book located at the entry to the module. The person accompanying you help you will complete the log in and out of your visit.

4.2.2 Visitors are accompanied to the NHP Module change room 30 for guidance on entry and egress procedures **Refer to Attachment A** NHPM Entry Flow chart

4.3 USING THE WASHROOM (30D) IN THE NHP MODULE

4.3.1 If wearing one pair of gloves, remove them and place in garbage. Remove Tyvek™ wrist/sleeve protector and wash hands. Before exiting, don a new pair of gloves put the Tyvek™ wrist/sleeve protector back on .

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- 4.3.2 If wearing two pairs of gloves, remove the outer pair and place in garbage. Wash gloved hands. Before exiting, don a new pair of gloves.
- 4.4 EXITING THE NHP MODULE
  - 4.4.1 Exit from the NHP Module is only allowed through Room 30C, and visitors will be accompanied for guidance on egress procedures. Refer to Attachment B NHPM Entry Egress Flow chart

### 5.0 HEALTH & SAFETY

- 5.1 Nonhuman primates ( NHP's) present hazards related to naturally occurring zoonotic organisms which may be transmitted to people. People also transmit zoonotic agents to NHP's. NHP's also present unique hazards due to their intelligence, manual dexterity, strength and speed . Please refer to SOP WV611-02 “ *Safety and Animal Handling Procedures for NonHuman Primates ( NHP's) Non Human Primate Module, West Valley Building, UWO*
- 5.2 Visitors do not come into direct contact with any Non-Human Primates under any circumstance
- 5.3 **Safety Issues**
  - 5.3.1 Nonhuman primates ( NHP's) present hazards related to naturally occurring zoonotic organisms which may be transmitted to people. People also transmit zoonotic agents to NHP's. NHP's also present other unique hazards due to their intelligence, manual dexterity, strength and speed. Working with NHP's always requires vigilance and awareness of the risks involved in order to protect your personal health safety
  - 5.3.2 Direct contact with NHP's requires in depth training on risks and standard operating procedures, participation in a surveillance health program as well as documented proof of training and security clearance monitored by the facility manager. Please refer to SOP WV169 “ *Non Human Primate Approval Policy, West Valley Building, UWO.*
  - 5.3.3 All approved personnel must be enrolled, approved and monitored in the animal handlers medical surveillance program through workplace health, UWO
  - 5.3.4 Personal Protective Equipment ( PPE) must always be worn by individuals within the NHPM as outlined in SOP WV600 *Entry,Egress and Protective Clothing Requirements for work within the Non Human Primate Module ( NHPM) West Valley Building, UWO*
  - 5.3.5 **Non human primates may transmit zoonotic diseases without showing clinical signs themselves.** Testing does not ensure that an animal will not become infectious. Literature suggests that other diseases or viruses beyond those mentioned in this document may be transmit from NHP's to humans. **It is therefore the policy to treat all NHP's as though they were infectious.** Refer to the protective clothing requirements SOP WV600 *Entry,Egress and Protective Clothing Requirements for work within the Non Human Primate Module ( NHPM) West Valley Building, UWO*

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### 5.4 Disease Which may be Transmitted from NHP's to Humans

- 5.4.1 **Cercopithacine Herpes Virus ( CHV1 or commonly known as B virus)** is an virus known to be carried by macaque primates ( cynomologous and rhesus are macaque primates). It does not cause severe disease in the animal, but can be fatal if transmitted to humans by bite, scratch, puncture wounds contaminated by saliva **and not properly treated** . Transmission by splashes ( urine, blood, saliva) into the mouth or eyes, or abrasions by contaminated equipment or cages is also possible.
- 5.4.1.1 Any scratch, cut or other injury that occurs anywhere in the primate or rhesus facilities must be immediately reported to either the manager or an ACVS veterinarian. First aid treatment will be overseen by an ACVS veterinarian or designated staff member and will adhere to Sop WV601 *Procedures for Bites, Scratches and Mucous membrane Exposure by Cynomologous, Rhesus or other Macaque Primates*
- 5.4.2 **Tuberculosis** may be transmitted from NHP's to humans, and visa versa. All primates are tested frequently to ensure they do not test positive. Transmission of tuberculosis occurs from contact with saliva or from inhalation of tuberculosis from an infected source.
- 5.4.3 **Gastro Intestinal Pathogens** Many parasites and bacteria's are transmissible from NHPs to Humans. The route of infection is fecal – oral, and strict adherence to SOP WV600 *Entry, Egress and Protective Clothing Requirements for work within the Non Human Primate Module ( NHPM) West Valley Building, UWO* will ensure this will not occur . It is assumed one does place gloved fingers or objects within ones mouth while working within the NHPM.
- 5.4.4 **Bite Wounds** Non Human Primates are strong, quick and intelligent. Regardless of how important interaction is between primate and human through voice and action, immediate touch contact between primate and human is only allowed with anesthetized primates.
- 5.4.5 **Unknown Pathogens** Literature states that other diseases/viruses may be transmitted from NHPs to humans but are as yet unknown. For this reason it must be respected that they always hold this ability and that medical sciences may not be fully aware of all the zoonotic conditions from primate to human..

### 5.5 Disease Which may be Transmitted from Humans to NHP's

- 5.5.1 Anyone who is asked or required to enter the Primate unit who has symptoms of or has been diagnosed with any of the following diseases may not enter the primate unit. In the case of Measles and Tuberculosis, recent contact with someone who has been diagnosed with these two conditions requires that you do not enter the unit until the particulars have been discussed with and you are cleared for entry by the ACVS veterinarian.
- 5.5.1.1 **Cold Sores** can cause a fatal disease in some Non Human Primates.

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- 5.5.1.2 **Gastro Enteritis** may be transmitted to primates. You cannot enter the module if you are suffering from GI disease until 24 hours after recovery. Discuss this with an ACVS Veterinarian or the designated person accompanying you into the module.
- 5.5.1.3 **The Common Cold** NHP's may become severely ill if they contract the "cold" virus from humans
- 5.5.1.4 **Measles** causes very severe and sometimes fatal disease in certain types of Non Human Primates.
- 5.5.1.5 **Tuberculosis** refer to 4.2.2.
- 5.5.1.6 **Eye Sties** This is to cleared by the workplace health physician , or personal goggles to be worn ( and cleaned daily) in place of safety glasses within the NHPM.
- 5.5.1.7 Should it be required, any First aid treatment will be overseen by an ACVS Veterinarian or designated staff member and will adhere to **SOP 601-06** *Procedures for Bites, Scratches and Mucous Membrane Exposure by Cynomolgous, Rhesus, or Other Macaque Monkeys, First Aid and NHP Sample to be Collected, Non-Human Primate Module, West Valley primates.*

### 6.0 REVISION HISTORY

Revision	Reason(s) for Revision	Initiated by
	Initial SOP for WV	Wilma Lagerwerf

### 7.0 REFERENCES / ASSOCIATED MATERIALS

- 7.1 *SOP #WV 601 Procedure for Bites, Scratches and Mucous Membrane Exposure by Cynomolgous, Rhesus or Other Macaque Monkeys, First Aid and NHP Sample to be Collected, Non-Human Primate Module, West Valley Building, University of Western Ontario.*
- 7.2 SOP WV611 “ *Safety and Animal Handling Procedures for NonHuman Primates ( NHP’s) Non Human Primate Module, West Valley Building, UWO*

### 8.0 ATTACHMENTS

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- 8.1 **Attachment A** – NHPM Entry Flow chart
- 8.2 **Attachment B** – NHPM Egress Flow chart