

1. PURPOSE

This Standard Operating Procedure (SOP) describes the transportation of non-human primates between facilities.

2. RESPONSIBILITY

Principal investigator (PI) and their research staff, veterinary care staff.

3. MATERIALS

- 3.1. Anesthetic drugs, needles, and syringes
- 3.2. Transport cage of the following specifications:
 - 3.2.1. Made of sturdy material with a secured door to prevent escapes
 - 3.2.2. With a tray and/or containing body fluids and dejections
- 3.3. Climate-controlled transport vehicle
- 3.4. Opaque drape or transport bag to cover the transport cage
- 3.5. Disinfectant (e.g., accelerated hydrogen peroxide spray)
- 3.6. Material to cover surfaces (e.g., drapes, plastic sheet and bag, absorbent pads)
- 3.7. Personal protective equipment (PPE):
 - 3.7.1. Fit-tested N95 respirator
 - 3.7.2. Gloves
 - 3.7.3. Lab coat or gown
 - 3.7.4. Goggles/face shield

4. PROCEDURES

- 4.1. Follow guidelines in SOP 501 - Animal Transport and Use Outside Animal Facilities.
- 4.2. Obtain necessary transport permits from the Canadian Food Inspection Agency (CFIA) prior to transport.
- 4.3. Wear all the required PPE when directly exposed to the animals. The N95 respirator is required in the transport vehicle if there is no solid physical separation between the animal holding area and driver/passenger area.
- 4.4. The presence of a veterinarian or veterinary technician is required to ensure that proper anesthesia and monitoring are provided and that biosafety measures are applied for disease prevention.
- 4.5. In very hot or very cold weather, the transport vehicle is brought to the adequate temperature before loading animals.
- 4.6. Veterinary Care staff reserves the right to cancel transports in the event of inclement weather, e.g., heavy snowfall, slippery or impassable roads, extreme heat or cold, or any circumstance that may result in dangerous conditions.
- 4.7. It is strongly recommended that two people accompany the animals or, if there is only one person present during transport, that a contingency plan be established in case of transportation issues.
- 4.8. Use service elevators and corridors as much as possible, while reducing the transit time to a minimum.
- 4.9. Macaques
 - 4.9.1. Sedate animal as per SOP 115 - NHP Anesthesia unless otherwise approved in the Animal Use Protocol.
 - 4.9.2. Place the animal in the transport cage and secure door.

- 4.9.3. Cover the transport cage with an opaque material.
 - 4.9.4. Check that the animal is still sedated before opening the cage. Re-administer anesthetic drugs if necessary
 - 4.9.5. Disinfect the transport cage after use.
- 4.10. Marmosets
- 4.10.1. Place the animal in transport box and secure openings.
 - 4.10.2. Place the transport box inside an insulated soft carrier.
 - 4.10.3. In cold weather, an additional heat source may be provided inside the soft carrier.
 - 4.10.4. Disinfect the transport cage after use.

SOP REVISION HISTORY

DATE	NEW VERSION
2018.01.12	4.3. Veterinary Care staff reserves the right to cancel transports in the event of inclement weather, e.g., heavy snowfall, slippery or impassable roads, extreme heat or cold, or any circumstance that may result in dangerous driving conditions.
2018.03.21	4.18. Veterinary Care staff reserves the right to cancel transports in the event of inclement weather, e.g., heavy snowfall, slippery or impassable roads, extreme heat or cold, or any circumstance that may result in dangerous driving road conditions.
2023.02.07	SOP 518.01- Transportation of NHPs to an Imaging Facility Between Facilities
2023.02.07	1. PURPOSE This Standard Operating Procedure (SOP) describes the transportation of non-human primates to an imaging facility between facilities.
2023.02.07	3.4. Opaque drape or transport bag to cover the transport enclosure cage 3.5. Disinfectant (e.g., Accel accelerated hydrogen peroxide spray) 3.7.1. Fit-tested N95 mask respirator 2.8. Pulse oximeter 3.9. Plastic waste disposal bag
2023.02.07	4.2. Obtain necessary transport permits from the Canadian Food Inspection Agency (CFIA) prior to transport.
2023.02.07	4.3. Wear all the required PPE when directly exposed to the animals. The N95 respirator is required in the transport vehicle if there is no solid physical separation between the animal holding area and driver/passenger area.
2023.02.07	4.2.4.3. The presence of a veterinarian veterinarian or veterinary technician is required to ensure that proper anesthesia and monitoring are provided and that biosafety measures are applied for disease prevention particularly in human clinical areas.
2023.02.07	4.3.4.5. It is strongly recommended that two people accompany the animals or, if there is only one person present during transport and imaging , that a contingency plan be established in case of transportation issues.
2023.02.07	4.4. In very hot or very cold weather, the transport vehicle is brought to the adequate temperature before loading animals.
2023.02.07	4.9. Working in the imaging area: 4.9.1. Cover all surfaces that will be in direct contact with the animal with absorbent, water-resistant material. 4.9.2. Limit the presence of individuals to the minimum necessary. 4.9.3. Only trained personnel can handle the animal. 4.9.4. People who will remain in proximity with the animal must wear an N95 mask, goggles or face shield, dedicated gown or lab coat, and gloves.
2023.02.07	4.11 Place the animal on the covered imager bed and position for scanning. 4.12 Monitor the anesthesia plan with a pulse oximeter and by checking reflexes. 4.13. Once imaging is complete, replace the animal in the transport cage, secure it and cover.4.14. Remove the absorbent material covering the equipment and place it in a plastic waste disposal bag. 4.15. Spray the surface of the imaging equipment with disinfectant. Allow for adequate contact time (according to manufacturer's recommendations) and wipe clean. 4.16. Dispose of all the waste and PPE in the plastic bag. Bring it back with the animal for disposal in the animal facility. Return the animal to its housing cage promptly. Monitor until fully recovered from anesthesia.
2023.02.07	4.9. Macaques 4.9.1. Sedate animal as per SOP 115 - NHP Anesthesia unless otherwise approved in the Animal Use Protocol. 4.9.2. Place the animal in the transport cage and secure door. 4.9.3. Cover the transport cage with an opaque material. 4.9.4. Check that the animal is still sedated before opening the cage. Re-administer anesthetic drugs if necessary 4.9.5. Disinfect the transport cage after use.
2023.02.07	4.10. Marmosets 4.10.1. Place the animal in transport box and secure openings. 4.10.2. Place the transport box inside an insulated soft carrier. 4.10.3. In cold weather, an additional heat source may be provided inside the soft carrier. 4.10.4. Disinfect the transport cage after use.