



**TITLE: NHP Post-Op Recovery**

**PURPOSE:** To properly monitor and recover NHP's after anesthesia until they are able to sit up on their own.

**REVIEW/REVISION:** Permanent amendment/revisions to this SSP must be presented to the IACUC for review before implementation and should be developed by UAC, the Surgical Attending Veterinarian and PI together.

**EFFECTIVE DATE:** 1/27/05; **Revised/Re-Approved:** 2/24/05, 8/25/05, 11/2/06, November 1, 2007

**POLICY:**

During the Pre-Surgery Conference (NHP-SSP #700-08-05), an individual will be identified as responsible for NHP Post-Op Recovery. This individual may be one of the following: BSS Technician, Attending Surgical Veterinarian, PI or Research Personnel.

A UAC Veterinarian must be present during the recovery until NHP is able to sit up on its own.

**Frequency of Procedure:**

As needed, following anesthetic procedures

**Documentation of Procedure:**

Surgical Record  
NHP Pre-Surgery Conference Check List

**Materials Required:**

Sheet	Thermometer
Pen	Emergency crash cart
Heating Lamp	Anesthesia Machine
Surgical Record	Towel
Stethoscope	

**Procedures:**

1. A UAC Veterinarian will be present during recovery until NHP is able to sit up on its own.
2. Veterinarian and others don PPE per NHP-SSP #703-08-05.
3. Transport NHP from surgical suite back to recovery room and placed on monitoring table per Sop#
4. Observe NHP's respiration visually every 5 minutes until NHP is able sit up on its own. Record rate on Surgical record per SOP# 2733.01 #37.
5. Check heart rate with stethoscope every 5 minutes until NHP shows signs of consciousness (voluntary movement of the head or limbs, opening of eyelids and/or vocalization). Record rate on Surgical record per SOP# 2733.01 #36.
6. Take a rectal temperature every 15 minutes until NHP shows signs of consciousness. (Voluntary movement of the head or limbs, opening of eyelids and/or vocalization). Record temperature on Surgical record per SOP# 2733.01

#35.

7. Observe mucus membrane color every 10 minutes. until NHP shows signs of consciousness (voluntary movement of the head or limbs, opening of eyelids and/or vocalization). Record color on Surgical record per SOP# 2733.01 #34.
8. Closely monitor for signs such as hypothermia, vomiting, seizures, laryngospasm and dyspnea until NHP is able to sit up on its own.
9. After NHP shows signs of consciousness (voluntary movement of the head or limbs, opening of eyelids and/or vocalization). Record time animal regains consciousness on Surgical record per SOP# 2733.01 #33 Observe visually until NHP demonstrates ability to sit up on its own.
10. Place animal on a towel in a recovery cage with a warming lamp that has been adjusted for animal's comfort.

**JUSTIFICATION:**

The Institutional Animal Care and Use Committee (IACUC) determined that comprehensive individual Non-Human Primate Standard Surgical Practices (NHP-SSP) should be written for: Surgical Prep - This includes not only the actual pre-operative preparation of the animal, but also required prep for participants; Anesthesia Induction - Standard induction procedures should be described; Post-Operative Recovery - this should specify criteria for extubation as well as post-operative monitoring, placement of the animal, and provision for emergency care.

Authority line - During pre-op procedures and immediate post-operatively, until animal is able to sit upright, the Surgical Attending Veterinarian will be present and have decision making authority. The Surgical Attending Veterinarian may not be physically present in the room during surgery, but is on call. During surgery, the Surgeon is responsible for procedures going on in the surgical theater. Specific allocation of duties for each NHP-SSP will be determined at the pre-surgery conference and will be designated to the Surgical Attending Veterinarian, PI, BSS Clinical Staff, or Research staff.