I. PURPOSE

1. To ensure the highest quality of health among animal colonies used for research and teaching purposes, practices of animal quarantine, stabilization, and testing are followed to prevent the introduction of diseases which could complicate study protocols and/or be transmitted to humans. The purpose of this SOP is further to describe the veterinary evaluation procedures for newly-acquired nonhuman primates (NHPs) into the vivarium.

II. RESPONSIBILITY

1. The Veterinarians oversee all aspects of animal health, and are assisted by all program staff.

2. Facility Managers ensure implementation of all procedures.

III. GENERAL PROCEDURES

1. NHPs will be accepted into the animal facility only, after the PI has consulted with the Director that adequate housing and care will be available for the additional animals.

2. All NHP transfers must be approved by the Director.

3. A Request to Receive Animals From Another Institution, CMDC #003, must be completed and approved prior to animals being transferred from another institution.

4. Prior to animal arrival, an individual chart/file for each new animal will be created and will contain:
   a. Individual health records, and health certificates
   b. Shipping documents
   c. Arrival Status Sheet for NHP, CMDC #118
   d. Progress Notes Sheet, CMDC# 013

5. Newly arrived animals are segregated from existing animals in the facility, and housed in separate quarantine rooms for a minimum of 35 days. This period of segregation permits animals the time to acclimate to the new environment, and
veterinarians and staff time to complete and interpret diagnostic tests and procedures for the detection of pathogens.

6. To ensure separation from the resident colony animals, quarantine areas must be serviced last each day, and equipment decontaminated before transfer to common areas for cleaning and sanitation.

7. Upon arrival, and during and immediately following placement of newly arrived animals in primary enclosures located in a separate quarantine housing area, the veterinarian and staff will perform a cursory, preliminary visual check of each animal. If abnormalities are observed, either physical or behavioral, they are recorded on the Arrival Status Sheet for NHP. A clinical veterinarian must be present as new animals are received into quarantine.

8. Animals are fed and watered per SOP # 604 entitled “NHP Feeding and Watering” and allowed to acclimate to their new environment for at least 72 hours or as designated by the clinical veterinarian according to the health status of the animal(s).

9. Identification cards will be made for each animal, laminated, attached to the room door, and will list both the tattoo number and the USF ID number.

10. New animals are recorded on Per Diem Sheets located in the Room Log Book.

11. Within 24 hours of arrival, an entry in the Arrival Status sheet must be made documenting the ability of each newly acquired animal to utilize the source of drinking water (e.g., lixit, or bottle). Fresh drinking water must be made readily and easily available to each animal.

IV. SPECIFIC PROCEDURES

1. After an acclimation period of at least 72 hours, animals are anesthetized with ketamine, and an entry physical examination is performed by a clinical veterinarian per SOP # 602 entitled “NHP Physicals” and recorded on a Physical Examination label in the Progress Notes.

2. Each animal is carefully examined for identifying marks, tattoos, missing digits, scars, or other unique characteristics.

3. Each animal is observed daily for at least activity, appetite, and excreta. Entries regarding these observations are recorded daily, for the first seven days of quarantine, on a NHP Quarantine label in the Progress Notes.

4. The entry physical examination will include but is not limited to the evaluation of:
   a. Tattoo verification, identifying marks, unique characteristics
   b. Body weight – comparison is made to prior weights provided in the exporting source institution’s medical records
   c. Body temperature
   d. Heart or pulse rate
   e. Respiratory rate,
f. Oral/dental health status

g. Examination of the ears

h. Examination of the eyes

i. Coat/skin condition

j. Organ system examinations

k. Impression of overall condition

5. During the quarantine period the following samples are collected for diagnostic testing:
   a. Blood – CBC (purple top), serum chemistry (red top), and serological evaluation (red top) for at least of *Macacine herpesvirus-1* (B-virus), Herpes simplex type -1 (HSV-1), Measles, Simian immunodeficient viruses (SIV), Simian retroviruses (SRV)
   b. Urine – urinalysis
   c. Rectal swab – aerobic culture for enteric pathogens (e.g., *Campylobacter* spp., *Shigella* spp., *Salmonella* spp.)
   d. Fecal – direct smear and flotation for endoparasites (e.g., nematodes, protozoa, sporozoan parasites)

6. Additional tests and procedures may be initiated at the discretion of the clinical veterinarian(s).

7. During the entry physical examination, the first intradermal old mammalian tuberculin (TB) skin test will be administered to one upper eyelid of the animal per *SOP #610* entitled “TB Testing NHP”.

8. A series of at least three intradermal old mammalian TB skin tests will be administered to opposite upper eyelids at 2-week intervals. Each TB test will be evaluated at 24, 48, and 72 hours, and the observations recorded. One intradermal old mammalian Tb skin test may be replaced by the Mycobacterium Tuberculosis Gamma Interferon Test.

9. During these TB skin tests, at least a cursory visual examination of the animal is required, including a record of body weight and comparison to prior weights, which allows detection of subtle weight changes over time. An assurance that identifying marks remain legible will be made.

10. Any suspicious tuberculin reaction is repeated in 7 days using the opposite eyelid. If one animal in a quarantine group test positive for TB all animals in the group are considered exposed, and the quarantine and testing period extended.

11. All observations, tests and procedures performed or initiated, and the results of these tests are recorded in the animal medical record on *Progress Notes forms*.

12. An animal can be released from quarantine when health characterizations have been completed and a *Request to Relocate/Reassign Research Animals* has been approved.

Approved: 

Date: 