

## Summary of Exceptions to the Regulations or Standards

Note: Exceptions were IACUC-reviewed and approved.

## A. Sanitization of Primary Enclosures

1. Variances were granted to the cage change requirement.
  - a. Variances were granted to avoid interference with cardiovascular data collection. The cages were cleaned at a minimum of daily as per standard procedure. Species/number/day: primate/15/5; dog/10/4.
  - b. A 2 day variance was granted to avoid additional handling due to surgery. The cages were cleaned at a minimum of daily as per standard procedure. Species/number: Primate/26.
  - c. A 1 day variance was granted to avoid additional animal transfer and to reduce stress. The cages were cleaned at a minimum of daily as per standard procedure. Species/number: Dog/10.

## B. An exception was granted to the dog exercise plan.

1. The animals had been instrumented with telemetry transmitters for cardiovascular data collection. Data could only be collected while animals resided in their home cages. Exercise activity would have interfered with data collection and confounded data analysis. This baseline and study monitoring occurred while the animals had unrestricted activity within their home cages. Species/number/duration: Dog/10 animals/3 weeks.

## C. Social Housing

1. Exceptions were made to social housing.
  - a. A small number of primates were single housed for scientific or medical/behavioral reasons. Instrumented cynomolgus macaques/32 animals, adult African green monkeys/43 animals.
2. Exceptions were made to cage size.
  - a. Animals were housed overnight in custom-made cages that were placed in dosing hoods. The dosing hoods were utilized for human safety. Cages were cleaned daily and the animals could turn around, express normal postural adjustments, had ready access to food, water and enrichment. Species/number/duration: Swine/154/overnight.