

STANDARD OPERATING PROCEDURES
DIVISION OF COMPARATIVE MEDICINE
UNIVERSITY OF SOUTH FLORIDA

SOP#: 700.15

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TITLE: **Livestock Husbandry**
SCOPE: Animal Care Personnel
RESPONSIBILITY: Facility Manager, Technical Staff, Veterinary Staff
PURPOSE: To Outline the Proper Procedures for Receiving, Physical Examination, Evaluating Health Status, Handling, Care and Husbandry Practices Related to Livestock

I. PURPOSE

1. To ensure the highest quality of animal health and preclude the development of spontaneous diseases or disorders, which could compromise the integrity of studies and the interpretation of results.
2. To ensure personnel handling livestock perform their duties in a manner that complies with all current governing laws, regulations, and guidelines.

II. RESPONSIBILITY

1. The Veterinarians oversee all aspects of animal health

3. Individual **Animal Medical Records** are prepared for each animal, to include (see **SOP #012** entitled, **Animal Medical Records**):
 - a. **Arrival Status Sheet** CMDC #008
 - b. **Progress Notes** CMDC #013
 - c. New animals are recorded on the **Monthly Per Diem Sheet** CMDC #175 and on a **Progress Notes** form CMDC #013 located in the **Room Log Book**
4. N95 mask and face shield are recommended when working with/handling livestock.
5. **Physical Examination**
 - a. **A physical examination (PE)/general health evaluation is performed** by the veterinary staff, or animal care staff, within 24 hours of arrival (unless animals appear to be in good health and will be used in terminal procedures within 24 hours).
 - b. Animal is examined, and observations are recorded on the **Arrival Status Sheet**.
The following parameters will be observed and recorded:
 1. ID numT6 (nu6 (S)12y)-6 (T6 8o11-6 (e 02 Tc 0.9 (etna1.007 Tw)2.6 (mTc 0 Tw (,)Tj8.9

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f. Clean Lixits®

d. **Room Housing**

1. **Daily**

- a. Start at the side of the room farthest from the floor drain.
- b. Remove all piles of animal waste and hay from floor.
- c. Herd animals to one side of room and clean the other side of the room using the hose, and scrub brush if needed, taking care not to wet the animals.
- d. Herd animals to the clean side of the room and repeat steps.
- e. Rinse floor drain taking care not to flush hay down the drain.
- f. Rinse and refill water bowls/troughs.
- g. Squeegee floor dry.

2. **Disinfection**

- a. Active rooms are disinfected quarterly. The entire room, all pen floors (including underside), walls, doors, Lixits®, room floors, walls, and floor troughs are thoroughly disinfected using pressure, and a degreasing cleansing solution (e.g., KrudKutter, PRL Grease-Free), a disinfectant (e.g., Oxivir Tb, Sporicidin, or Virkon) and thoroughly rinsed.
- b. Record "Room Disinfected" for the corresponding date on the **Room Status Sheet** and initial.

e. **Transport Cages**

1. **After Each Use**

- a. Transport caging used in the relocation of animals or used for the preoperative overnight individual housing of animals (i.e., including water distribution manifolds and lixits) are sanitized in place by pressure/hand washing using degreasing solutions and disinfectants (CAMLS) or sent to cage wash (MDD or COM) for sanitization after each use. If the CAMLS garage, room 149, is used for sanitizing cages, it must be empty of all other items and the room sanitized after use.

f. **Recoil Hoses**

1. Recoil hoses in use are sanitized quarterly.
 - a. Disconnect hose from caging.
 - b. Soak in a disinfectant (e.g., Sporicidin, Virkon) for 10 minutes and thoroughly rinse.
 - c. Send through cage wash (MDD or COM).
 - d. Reconnect to cages and flush with water for at least 5 minutes.
2. Recoil hoses not in use are stored disconnected from water supply and caging.

11. **Room Duties**

- a. Upon completion of pen cleaning, feed and watering, and daily health surveillance, the following tasks are to be performed: (Room duties described below are minimal requirements; additional duties and frequencies are at the Facility Manager's discretion)
 1. **Daily** - complete **Room Status Sheet** by recording:
 - a. Minimum and maximum **room temperature** and **humidity** (measurements out of the acceptable range are described under

the **Health and Environmental Concern** column of the **Room Status sheet** and reported to the Facility Manager via the **Health and Environmental Concern Form**).

- b. **Feed** and **water** are available.
 - c. **Husbandry duties** (e.g., pen cleaning/equipment changes/procedures performed).
 - d. **Housekeeping duties** (e.g., room duties/procedures performed).
 - e. Significant **health or environmental concerns**.
 - f. **Time** of observation and the **initials** of technician.
 - g. If no animals are present on this day, record "No Animals Present" and initial.
2. Assure no investigator's supplies or trash is left in the room.
 3. **Check and replenish supplies** (e.g., soap, paper towels) as needed.h p.6 (i)-6EMC /L

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