

**STANDARD OPERATING PROCEDURES**  
**DIVISION OF COMPARATIVE MEDICINE**  
**UNIVERSITY OF SOUTH FLORIDA**

SOP#: 1169  
N:

Date Issued: 3/20

Date Revised: NEW

Page 1 of 4

such as kinks, bends, wounds or scars in the tattoo area, do not apply a tattoo.  
The Labstamp system requires the tail to be in normal healthy condition.

- e. Ensure expiration date on slide package has not passed and remove ink slide from package. Insert slide into slot on tail cover arrows first.
  - f. Place tail cover over the mouse's tail ensuring the tail is fully extended and aligned with the v-groove on the tail bed. Control the lowering of the tail cover and ensure the plate sets flush with the paddle.
5. **Load selected needle cartridge into applicator machine.**
- a. If gun-head is not already in the change needle position, press the CHANGE NEEDLE button on the front panel of the applicator machine to open gun head door presenting the gun-head.
  - b.

8. **Remove restraint cartridge** from dock by pulling straight out after tattooing is complete.
9. **Remove tail cover** by pulling straight up and discard used ink slide. NOTE: Ink slides are single use only.
10. **Gently blot excess ink and oil** off mouse's tail with gauze.
  - a. Inspect tattoo for completeness and absence of bleeding. NOTE: Should bleeding be observed, use gauze to apply direct pressure and stop any bleeding. Remeasure the tail to confirm proper sized restraint and needle were used. If bleeding persists with next mouse, inspect and clean needle or discard. When properly measured, mouse-tails should not experience bleeding.
11. **Apply another thin coat of tail oil** over the tattoo area.

3. Memorialize the certification by placing a label on the unit with date of certification.

## **V. DEFINITIONS**

- 1.