

---

**1. PURPOSE**

This Standard Operating Procedure (SOP) describes the procedure and frequency for marmoset cage changing.

---

**2. RESPONSIBILITY**

Animal care staff.

---

**3. MATERIALS**

- 3.1. Clean caging
- 3.2. Environmental enrichment
- 3.3. Transfer box
- 3.4. Hardwood shavings
- 3.5. Disposable cage liners
- 3.6. Visual barriers
- 3.7. Puncture resistant gloves
- 3.8. Cage cover
- 3.9. Disinfectant solution

---

**4. PROCEDURES**

- 4.1. Every 4 weeks enclosure changing procedures will alternate between a partial and a full enclosure changing procedure.
  - 4.1.1. Full enclosure changing procedure
    - 4.1.1.1. Select and transport clean caging to housing room.
    - 4.1.1.2. Assemble clean caging and inspect for damage. Add appropriate visual barriers, environmental enrichment, and clean bedding (hardwood shavings).
    - 4.1.1.3. Transfer animals via enclosure ports, transfer box, or hand-catching.
    - 4.1.1.4. Transfer the group identification card, water bottle(s), and food receptacles to the clean caging.
    - 4.1.1.5. Dispose of soiled bedding and material.
    - 4.1.1.6. Sanitize floors and walls surrounding the soiled enclosure with disinfectant solution.
    - 4.1.1.7. Cover soiled caging and environmental enrichment and transport to cage wash area.
  - 4.1.2. Partial enclosure changing procedure
    - 4.1.2.1. Select and transport clean environmental enrichment (hammocks, buckets), nest boxes, perches, cage liners (as necessary) and bedding.
    - 4.1.2.2. In the enclosure, remove all environmental enrichment, nest boxes, perches and bedding and replace with clean ones.
    - 4.1.2.3. Optionally, one piece of dirty enrichment that is not heavily soiled can be left to retain scent markings in the clean enclosure. The piece that is retained should be removed within the same week.
    - 4.1.2.4. Spot clean cage panels and visual barriers with water when heavily soiled.
    - 4.1.2.5. Dispose of soiled bedding and material.

- 4.1.2.6. Sanitize floors surrounding the soiled enclosure with disinfectant solution.
- 4.1.2.7. Cover soiled perches and environmental enrichment and transport to cage wash area
- 4.1.3. Identify clean cages with a last cleaned date.
- 4.1.4. Document activities in the room log.

## 5. SAFETY

- 5.1. Preparation of disinfecting solution.
  - 5.1.1. Wear personal protective equipment as directed by the manufacturer when preparing and using disinfectant solution.
  - 5.1.2. Use metering tool to dilute disinfectant according to manufacturer's recommendation.
  - 5.1.3. Clean surfaces prior to disinfection to remove any organic material.
  - 5.1.4. Apply disinfectant and allow for adequate contact time.

## SOP REVISION HISTORY

DATE	NEW VERSION
2023.03.07	3.5. Disposable cage liners
2023.03.07	4.1. <del>Marmoset enclosures are to be changed</del> Every 4 weeks
2023.03.07	4.1.1. <b>Full enclosure</b> changing procedure
2023.03.07	<b>4.1.2. Partial enclosure changing procedure</b> 4.1.2.1. Select and transport clean environmental enrichment (hammocks, buckets), nest boxes, perches, cage liners (as necessary) and bedding. 4.1.2.2. In the enclosure, remove all environmental enrichment, nest boxes, perches and bedding and replace with clean ones. 4.1.2.3. Optionally, one piece of dirty enrichment that is not heavily soiled can be left to retain scent markings in the clean enclosure. The piece that is retained should be removed within the same week. 4.1.2.4. Spot clean cage panels and visual barriers with water when heavily soiled. 4.1.2.5. Dispose of soiled bedding and material. 4.1.2.6. Sanitize floors surrounding the soiled enclosure with disinfectant solution. 4.1.2.7. Cover soiled perches and environmental enrichment and transport to cage wash area