1. **PURPOSE**

This Standard Operating Procedure (SOP) describes the health monitoring program for marmosets.

2. **RESPONSIBILITY**

Veterinary care staff.

3. **MATERIALS**

3.1. Ketamine
3.2. Old Mammalian Tuberculin
3.3. Fecal collection containers

4. **PROCEDURES**

4.1. Monitor populations that are housed for more than 8 weeks.

4.2. Every 12 months, under ketamine (10 mg/kg IM) anesthesia:

4.2.1. Examination:

4.2.1.1. Record body weight.
4.2.1.2. Perform a complete physical examination.
4.2.1.3. Examine the animal for oral or genital lesions (e.g. vesicles, ulcerations, etc.) and any clinical evidence of viral shedding.

4.2.2. TB testing:

4.2.2.1. Inject 0.05 ml of Old Mammalian Tuberculin in the upper eyelid near the edge.
4.2.2.2. Reaction will be evaluated at 24h, 48h, and 72h.
4.2.2.3. The description of the reaction or corresponding reaction grade (as per table below) must be entered into the animal’s record.

<table>
<thead>
<tr>
<th>REACTION GRADE</th>
<th>DESCRIPTION OF CHANGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No reaction</td>
</tr>
<tr>
<td>1</td>
<td>Bruise – extravasation of blood in the eyelid associated with the injection of tuberculin.</td>
</tr>
<tr>
<td>2</td>
<td>Varying degrees of erythema of the palpebrum with minimal swelling.</td>
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<tr>
<td>3</td>
<td>Moderate swelling with or without erythema.</td>
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<tr>
<td>4</td>
<td>Obvious swelling of the palpebrum with drooping and varying degrees of erythema.</td>
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<tr>
<td>5</td>
<td>Marked swelling with necrosis and eyelid closure or partially closed.</td>
</tr>
</tbody>
</table>

4.2.2.4. Grades 0, 1 and 2 are considered negative. Grade 3 is suspect and grades 4 and 5 are considered positive.

4.2.3. Fecal samples:

4.2.3.1. Collect fresh feces from cage trays for parasitology (flotation).

4.3. Health status reports:

4.3.1. The facility veterinarian reviews all health monitoring reports.