|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ACEC No: | | | Cage #: | | | | | | Animal ID: | | | |
| Researcher / Trainer: | | | Species/Strain: | | | | | | Sex/Age: | | | |
| Phone: | | | Date performed: | | | | | | | | | |
| Email: | | | Procedure: | | | | | | | | | |
|  | | | Date | Date | Date | | Date | Date | | Date | Date | Date |
| Date of monitoring: | | |  |  |  | |  |  | |  |  |  |
| **CLINICAL OBSERVATION - UNDISTURBED** | | | | | | | | | | | | |
| **Activity:** normal = **0**; isolated = **1**;  huddled/inactive = **2**; moribund/fitting = **3** | | |  |  |  | |  |  | |  |  |  |
| **Posture:** Normal = **0**; hunched = **2**; trembling=**3**  [CARE: *not to mix up with tremor phenotype of mice*] | | |  |  |  | |  |  | |  |  |  |
| **Movement/Gait:** normal or abnormal but part of  phenotype=**0**; slight incoordination = **1**; tiptoe walking or reluctance to move = **2**; staggering/limb dragging/paralysis = **3** | | |  |  |  | |  |  | |  |  |  |
| **Coat condition:** normal/groomed = **0**; rough = **1**; ruffled/unkempt = **2**; bleeding or infected wounds or self-mutilation = **3** | | |  |  |  | |  |  | |  |  |  |
| **Breathing:** normal = **0**; rapid, shallow = **1**; rapid, abdominal breathing = **2**; laboured, irregular, skin blue = **3** | | |  |  |  | |  |  | |  |  |  |
| **CLINICAL OBSERVATION - ON HANDLING** | | | | | | | | | | | | |
| **Alertness:** Normal=0; dull or depressed=1; little response to handling=2; unconscious=3 | | |  |  |  |  | |  | |  |  |  |
| **Body weight:** (gm or kg / Score)  Enter body weight in g according to **animal ID** (at least once a week);  *Score only if abnormal:*  normal weight & growth rate = **0**; reduced growth weight = **1**; chronic weight loss >15% = **2**; weight loss = or >20% = **3** | **Animal ID** | **1** |  |  |  |  | |  | |  |  |  |
| **2** |  |  |  |  | |  | |  |  |  |
| **3** |  |  |  |  | |  | |  |  |  |
| **4** |  |  |  |  | |  | |  |  |  |
| **5** |  |  |  |  | |  | |  |  |  |
| **6** |  |  |  |  | |  | |  |  |  |
| **Dehydration** None = **0**; skin less elastic = **1**; skin tenting = **2**; skin tenting & sunken eyes = **3** | | |  |  |  |  | |  | |  |  |  |
| **Eyes, Nose:** Normal = **0**; wetness or dull eyes = **1**; discharge/squinty eyes = **2**; coagulated nasal discharge/matted eyes = **3** | | |  |  |  |  | |  | |  |  |  |
| **Faeces:** normal = **0**; soft but formed = **1**; loose, soiled peri-anal area or mucoid = **2**; watery or no faeces for 48hrs or presence of blood = **3** | | |  |  |  |  | |  | |  |  |  |
| **Injection site:** clean, dry = no entry; inflamed, swollen, bleeding or infected = **2** | | |  |  |  |  | |  | |  |  |  |
| **Treatment/support**  (*e.g. fluids, antibiotics, mushy food, hydrating gels, topical wound treatment=TWT etc.)* | | |  |  |  |  | |  | |  |  |  |
| **Other comments:** | | |  |  |  |  | |  | |  |  |  |
| **Monitored by:** | | |  |  |  |  | |  | |  |  |  |

**Increased monitoring and immediate veterinary intervention required** if a score of 2 is recorded for any individual clinical observations listed above or presence of ‘other abnormalities’.

**Immediate euthanasia is required** if a score of 3 is recorded for any individual clinical observation as listed above or animal is not responsive to veterinary intervention.

**REFERENCES**

* <http://www.dpi.vic.gov.au/agriculture/about-agriculture/legislation-regulation/animal-welfare-legislation/codes-of-practice-animal-welfare/care-of-laboratory-mice-rats-guinea-pigs-rabbits>
* Morton D. B. (2000). A systematic approach for establishing humane endpoints. ILAR journal, 41(2), 80–86. <https://doi.org/10.1093/ilar.41.2.80>
* Morton, D. B., & Griffiths, P. H. (1985). Guidelines on the recognition of pain, distress and discomfort in experimental animals and an hypothesis for assessment. The Veterinary record, 116(16), 431–436. <https://doi.org/10.1136/vr.116.16.431>