|  |  |  |
| --- | --- | --- |
| ACEC No: | Cage#: | Animal ID: |
| Researcher / Trainer: | Species/Strain: | Sex/Age: |
| Phone: | Date performed: |
| Email: | Procedure: |
| Day post-procedure: | Day x | Day x | Day x | Day x | Day x | Day x | Day x | Day x |
| Date of monitoring: |  |  |  |  |  |  |  |  |
| **CLINICAL OBSERVATION - UNDISTURBED** |
| **Activity:** normal = **0**; isolated = **1**; huddled/inactive = **2**; moribund/fitting = **3** |  |  |  |  |  |  |  |  |
| **Posture:** normal = **0**; hunched = **2**; trembling = **3** |  |  |  |  |  |  |  |  |
| **Movement/gait:** normal = **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** |  |  |  |  |  |  |  |  |
| **Eating/drinking:** normal = **0**; decreased intake during the 1st 24 hrs day = **1**; decreased intake more than 1 day = **2**; decreased intake over 48hrs = **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 / score)normal weight & growth rate = **0**; reduced growth weight = **1**; chronic weight loss>15% = **2**; weight loss = or >20% = **3** |  g |  |  |  |  |  |  |  |
| **Body Condition Score**:1 score 3-5 = **0**; score 2 = **2**; score 1 = 3 |  |  |  |  |  |  |  |  |
| **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**; moist but formed=**1**; loose, soiled peri-anal area or mucoid=**2**; watery or no faeces for 48hrs or blood=**3** |  |  |  |  |  |  |  |  |
| **Urination**: normal = **0**; increased urination (wet bedding) = **2** |  |  |  |  |  |  |  |  |
| **SPECIFIC TUMOUR MONITORING (EXTERNAL TUMOURS)** |
| **Tumour by palpation:** tumour present Y or N |  |  |  |  |  |  |  |  |
| **Tumour size (length):**2 |  |  |  |  |  |  |  |  |
| **Tumour size (width):**2 |  |  |  |  |  |  |  |  |
| **Tumour interference with mobility**Normal = **0**; impeding on normal mobility or behaviour = **3** |  |  |  |  |  |  |  |  |

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| **Subcutaneous tumour ulceration scoring (use figure 2 below)** |
| **% Tumour surface area ulcerated:** refer to figure 2 |  |  |  |  |  |  |  |  |
| **Maximum ulceration depth:** refer to figure 2 |  |  |  |  |  |  |  |  |
| **Ulcer appearance and discharge** refer to figure 2 |  |  |  |  |  |  |  |  |
| **Surrounding skin condition:** refer to figure 2 |  |  |  |  |  |  |  |  |
| **OTHER OBSERVATIONS AND NOTES** |
| **Body temperature:**3(basal t 0 = **0**; 1 0C ↓= **1**; 2 0C ↓= **2**, >3 0C ↓ = **3**) |  |  |  |  |  |  |  |  |
| **Facial Grimace Score**4(Absent = 0; present = 2) |  |  |  |  |  |  |  |  |
| **Other abnormalities (describe):** |  |  |  |  |  |  |  |  |
| **Treatment/support:** (*e.g., analgesic, fluids, antibiotics, mushy food, hydrating gels, etc*.) |  |  |  |  |  |  |  |  |
| **Other comments:** |  |  |  |  |  |  |  |  |
| **Monitored by:** |  |  |  |  |  |  |  |  |

1. Body condition score is a useful tool in presence of tumours that may mask weight loss
2. Increased monitoring when tumour size is nearing humane endpoint criteria
3. Body temperature measurement is optional but can be useful as an adjunctive tool for euthanasia
4. Facial grimace scoring is optional and can be a useful tool for enhanced monitoring of welfare

**Increased monitoring and immediate veterinaryintervention 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.

Figure . Body condition scoring figure from Ullman-Culleré and Foltz (1999)

Figure Tumour monitoring assessment adapted from <https://animalcare.ubc.ca/sites/default/files/documents/Tumour%20Ulceration%20Guideline%202018%20final.pdf>

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Figure The mouse grimace scale from N3CRs (<https://nc3rs.org.uk/grimacescales>)



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