Brandon University Animal Use Protocol  
Schedule 9  
Distress, Disease, Pain

Please save this file to your computer. Applicants are required to complete **all** sections and submit electronically to the Research Ethics Officer at [buacc@brandonu.ca](mailto:buacc@brandonu.ca).

All sections in this form will expand as necessary. Questions about using the form should be directed to Shannon Downey, Administrative Officer to the Vice-President (Academic & Provost) and Research Ethics Officer, at (204) 727-9**712** or [downeys@brandonu.ca](mailto:downeys@brandonu.ca).

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| 1. **Please complete the following table (check all appropriate boxes).** | | |
| **Category** | **✓** | **Estimated Duration of Pain or Distress** |
| **Disease** |  |  |
| **Inflammation (e.g. use of Freund’s Adjuvant)** |  |  |
| **Pain Study** |  |  |
| **High Stress Levels (e.g. fear)** |  |  |
| **Toxins, Drugs, Caustics, etc.** |  |  |
| **Exercise to Exhaustion** |  |  |
| 1. **Describe all procedures causing distress (for example, procedures which produce fear, withdrawal, vocalization, altered gait, change in normal behaviour, anorexia, weight loss (10-20% in < 7 days), illness, etc.** | | |
| 1. **Estimate the degree of discomfort for each procedure based on behavioural changes, existing information for the similar procedure, and/or by comparison to effects of similar procedures, disease, etc. on humans.** | | |
| 1. **How will pain be alleviated? (e.g. analgesics – give drug, dosage, route; euthanasia – give method; treatment of disease.)**   **NOTE: For procedures that are known to cause pain, analgesics should be administered before and/or during the procedure. Do not wait to see if an animal needs an analgesic – give it the benefit of the doubt.** | | |
| 1. **For studies in which pain develops over time (e.g. disease), what criteria will be used to judge the level of pain/distress?**   **NOTE: Daily inspections of the animals are required.** | | |
| 1. **Who will be responsible for monitoring?** | | |
| 1. **If your study requires that analgesics be withheld, please provide scientific justification.** | | |
| 1. **If you will be using shock as a negative reinforcement, please provide details and a justification.** | | |
| 1. **What is the duration?** | | |
| 1. **What is the intensity and frequency of shocks?** | | |
| 1. **Describe how these parameters were determined to be the lowest level that would provide valid results.** | | |