# PART XI – MANAGEMENT OF NON-SURGICAL PAIN AND DISTRESS

Use PART XI to discuss potential pain involved with surgical procedures.

### Will animals experience distress, discomfort, suffering or pain as a result of any procedure? (Routine procedures such as injections or limited blood sampling do not need to be reported. Euthanasia is described in PART VIII C).

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| --- | --- |
|  | **YES** |
|  | **NO** |
| **If YES, please list those procedures that could potentially cause distress, discomfort or pain to the animals at any point during the study. The procedures listed should be included as keywords in the literature search.** Anthropomorphism is the regulatory standard to use in determining this potential (if it is painful to humans, it is considered painful to animals unless proven otherwise). |
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### Will anesthetic, analgesic or tranquilizing drugs be used to relieve potential pain or distress?

|  |  |
| --- | --- |
|  | **YES\*** |
|  | **NO\*\*** |

**\*If YES, give details:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Drug**  | **Dosage**  | **Route**  | **Frequency** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**\*\*If NO, - please justify this choice** (the proposed study involves potential distress, discomfort, suffering, or pain however anesthetic, analgesic, or tranquilizing drugs are to be withheld.)

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### Detail the frequency with which animals will be monitored during the procedure and after the procedure:

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### What measures will be used to minimize discomfort, distress, pain or suffering? (i.e. fluids, warming pads, soft bedding, making food more accessible, etc)

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### Will animals be euthanized if moribund / severely debilitated?

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| --- | --- |
|  | **YES** |
|  | **NO** |
| **If YES, indicate the criteria used for removing an animal from the study. For example loss of mobility, weight loss greater than 10%, tumor size greater than 1cm3, etc**  |
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| **If NO, please justify. This includes studies that require death to be used as the endpoint.** |
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