**Monitoring Sheet: Anaesthesia and Surgical**

|  |  |  |  |
| --- | --- | --- | --- |
| Researcher | | Date | AEC number |
| Animal ID #: | | Strain | Sex |
| **Pre-anaesthetic exam**  Weight: g  General condition: | Resting respiratory rate observation:  Behaviour: | | |
| Analgesia Administered:  Time given: | Dose Vol:  Route: Post surgical top up time: | | |
| Anaesthetic:  Start time: | Dose Vol/Rate: Route:  End time: | | |
| **Procedure performed:** | | | |

**Monitoring** (record time and response every 5 minutes for the first 15 minutes and then every 15 minutes)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time | 0 | 5’ | 10’ | 15’ | 30’ | 45’ | 60’ | 1:15 | 1:30 | 1:45 | 2:00 |
| ISO% |  |  |  |  |  |  |  |  |  |  |  |
| Oxygen L/min |  |  |  |  |  |  |  |  |  |  |  |
| Toe pinch/palpebral reflex |  |  |  |  |  |  |  |  |  |  |  |
| Breathing Observation (ref to codes below) |  |  |  |  |  |  |  |  |  |  |  |
| Paw and muzzle skin colour |  |  |  |  |  |  |  |  |  |  |  |
| Capillary refill time (sec) |  |  |  |  |  |  |  |  |  |  |  |
| Temp (°C) if relevant |  |  |  |  |  |  |  |  |  |  |  |
| Therapy Administration |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Surgery notes:** | | | | | |
| **Anaesthetic:** | | | | | |
|  | Drug | Dose (mg and ml)/bwt | Route | Time | Comments |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Analgesia: include Post surgical top up information (time, dose, etc.)** | | | | | |
|  | Drug | Dose (mg and ml)/bwt | Route | Time | Comments |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Medications/Therapies** | | | | | |
|  | Drug | Dose (mg and ml)/bwt | Route | Time | Comments |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Post Surgical Care Notes:** | | | | | |
| **Animal recovered or euthanased (reason)** | | | | | |

1. Amend this sheet to reflect the specific requirements of the surgery in your experiment.
2. Record any additional observations specific to the monitoring requirements during and after surgery in the notes. Use the relevant section to specify the outcomes of the surgery (recovered or euthanised).
3. On the following day (after surgery), animals and the surgical site must be monitored with clinical score assessments recorded twice daily, once in the morning and again in the afternoon (minimum of 6 hours gap) and weighed minimum once daily. If the animal/s are recovering well, and depending on the analgesia that is being administered, monitoring may then be extended to a minimum of daily for the next 2 days.

Breathing Codes: **N** – Normal, **L** – Laboured, **R**- Rapid, **S** – Shallow, **I**- Irregular, **A** – Respiratory Arrest