**Instructions:** Complete the form for each animal receiving surgery. The information (e.g. surgery type, anesthetic, surgeon) must match what is described in the approved animal protocol.

|  |  |  |  |
| --- | --- | --- | --- |
| **Protocol #:** | **Species** | **Animal Identification** | **Pre-surgical Weight of the Animal** |
|  |  |  |  |
| **Surgery Date** | **Surgical Procedure Being Performed** | **Person Performing the Surgery** | **Person Performing the Anesthesia** |
|  |  |  |  |

**Anesthesia Induction and Maintenance:** List all treatments administered to animals before, during, and immediately after surgery. Include all anesthetics, analgesics, antibiotics, and any intra- or postoperative fluids. The postoperative period on this record is the period of time after the surgery is completed and until the animal is returned to the housing room. All treatments must match the description in your approved animal protocol.

|  |  |  |  |
| --- | --- | --- | --- |
| **Drug** | **Dose (mg/kg)** | **When Was the Drug Administered** | **What Was the Route of Administration** |
|  |  |  |  |
|  |  |  |  |
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**Anesthesia Monitoring:** The level of anesthesia must be appropriate for the surgical procedure, and it must be checked before making your initial incision, and at approximately 15-minute intervals during surgery. For visual observations, pain withdrawal reflex and respiration rate, document your observations by placing a checkmark (i.e., no pain withdrawal reflex) or specific numerical value (i.e., respiration rate in breaths per minute) in the corresponding field below. For instrument readings such as body temperature, pulse/heart rate, and oxygen saturation of hemoglobin (SpO2), document the specific numerical value (e.g., 97F, 300 bpm, 98%) in the corresponding field below. Adjustments to the anesthetic dose (% isoflurane) should be based on the anesthesia monitoring observations. For example, if the respiration rate is <50 bpm, turn down the isoflurane concentration. Describe how any abnormal observations were corrected in the “Comments” section.

|  |  |
| --- | --- |
| **Monitoring Parameter** | **Time Course in 15-minute intervals from the first incision** |
| 00:00 | 00:15 | 00:30 | 00:45 | 01:00 | 01:15 | 01:30 | 01:45 | 02:00 | 02:15 | 02:30 | 02:45 | 03:00 |
| Anesthetic level (% isoflurane) or boost (injectable anesthetic) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pain Withdrawal Reflex (e.g. toe/tail pinch) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Body Temperature (Normal: M = 98-100F; R = 97-99F) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Respiration Rate (Normal: ≥60 breaths per minute) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Heart Rate (Normal: 300 – 400 beats per minute) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SpO2 (Normal: 97-100%) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Comments: |