**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.

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| --- | --- | --- | --- |
| **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 post-operative fluids. 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, and if it’s >70 bpm, turn up the isoflurane. Describe how any abnormal observations were corrected in the “Comments” section.

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| **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: 97-98%) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Comments: |