

Chang Gung University Laboratory Animal Center Rat and Mouse Pain Rating Record Form

Experiment :

Date :

Experimenter :

Rating date :

IACUC NO :

Animal strain :

Animal age :

Animal gender : ♀ / ♂

| Rating items | | Score | Animal number / Weight before experiments (g) | | | | | | | |
|--|--|-------|---|---|---|---|---|---|---|---|
| | | | / | / | / | / | / | / | / | / |
| Weight | Normal | 0 | | | | | | | | |
| | A. Weight loss less than 10% | 1 | | | | | | | | |
| | B. Weight loss about 10-20% | 2 | | | | | | | | |
| | C. Weight loss more than 20% | 4 | | | | | | | | |
| Appearance | Normal, the eye sockets are clean | 0 | | | | | | | | |
| | Temporary arching of the back, or partial hair standing on end, or the wound is damp | 1 | | | | | | | | |
| | Intermittent (within 10 mins) arching of the back or abnormal posture, or obviously rough coat, or the appearance of nasal or oral discharge, or wounds with redness, swelling, and ulceration | 2 | | | | | | | | |
| | Persistent (more than 10 mins) arching of the back or abnormal posture, or obviously rough coat with other symptoms (such as arched back, sluggish responses and behavior), or continuous bleeding or pus formation from the wound | 4 | | | | | | | | |
| Clinical symptoms | Normal | 0 | | | | | | | | |
| | Abnormal breathing, temporary salivating or trembling | 1 | | | | | | | | |
| | Abnormal breathing, intermittent (within 10 mins) trembling, convulsions, or intermittent wetting the coat around the lower jaw, or lethargic lying down (within 1 hr) | 2 | | | | | | | | |
| | Abnormal breathing, persistent (longer than 10 mins) trembling, convulsions, or continuous wetting the coat around the lower jaw, or lethargic lying down (longer than 1 hr) | 4 | | | | | | | | |
| General behavior when not stimulated | Normal | 0 | | | | | | | | |
| | Minor decrease in vitality | 1 | | | | | | | | |
| | Significant decrease in vitality | 2 | | | | | | | | |
| | Self-harm, or continuous walking in circles, or persistent sleeping, or inability to move | 4 | | | | | | | | |
| Response to stimuli | Normal | 0 | | | | | | | | |
| | Mild signs of depression/ excitation, but still alert | 1 | | | | | | | | |
| | Obviously signs of depression/ excitation, but still alert | 2 | | | | | | | | |
| | Overreacting with aggression, or unconscious, with no response to stimuli | 4 | | | | | | | | |
| Total score | | 0-20 | | | | | | | | |
| Analgesics (Painkiller) administration | Lidocaine _____ mg/kg | | | | | | | | | |
| | Carprofen _____ mg/kg | | | | | | | | | |
| | Meloxicam _____ mg/kg | | | | | | | | | |
| | Ketoprofen _____ mg/kg | | | | | | | | | |
| | Flunixin _____ mg/kg | | | | | | | | | |
| | Other: _____, _____ mg/kg | | | | | | | | | |
| Other illustrations | | | | | | | | | | |
| Observer | Signature / Date | | | | | | | | | |
| Determined by veterinarian or PI | Signature / Date | | | | | | | | | |
| | Euthanasia or not (Y / N) | | | | | | | | | |

Normal : 0~4 points

Mild pain : Weight A · 5~9 points : Provide Analgesics (Painkiller) and reassessing animal status every 24 hrs.

Moderate pain : Weight B · 10~14 points : Provide Analgesics (Painkiller) and reassessing animal status every 8~12 hrs. After 3 consecutive scores in this range, consider euthanasia.

Severe pain : Weight C · 15~20 points : Provide Analgesics (Painkiller). If the animal's pain cannot be relieved within 4 hours, consider euthanasia.