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Ketamine 100mg/kg (controlled substance - exemption permit required)

Xylazine (20mg/mL)

Acepromazine (10mg/mL)

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- i. Anaesthetic dose: ketamine 75 mg/kg, xylazine 10 mg/kg
- ii. To prepare the cocktail, in a sterile vial mix:
  1. 0.75ml (75 mg) ketamine (100 mg/ml)
  2. 0.25 ml (5 mg) xylazine (20 mg/ml)
  3. 0.75 ml diluent
  4. Label with the drug name(s), expiration date of the drugs, date mixed and initials.
- iii. Gently restrain the animal, swab the injection site with 70% alcohol and administer 0.2ml per 100g of body weight IP.
- iv. Duration of anaesthesia is 20 – 40 minutes depending on the strain, sex, and body weight of the animal.
- v. If a top up dose is required, a half dose of only ketamine (38 mg/kg) should be administered. To prepare the half dose:
  1. 0.38 ml (37.5 mg) ketamine (100 mg/ml)
  2. 4.62 ml diluent
  3. Write on the vial the name of the drug, expiration date, date mixed and initials
- vi. Gently restrain the animal, swab the injection site with 70% alcohol and administer 0.2ml per 100g body weight IP.
- vii. Atipamezole (5 mg/ml) can be administered to reverse xylazine and facilitate recovery at a dose of 0.1 to 5.0 mg/kg SC or IP.
- viii. Mixed cocktail should be protected from light and stored in a cool place.

- i. Anaesthetic dose: ketamine 50 mg/kg, xylazine 5 mg/kg, acepromazine 1 mg/kg.
- ii. To prepare cocktail, in a sterile vial or bottle with a rubber stopper, mix:
  1. 5 ml (500 mg) ketamine (100 mg/ml)
  2. 2.5 ml (50 mg) xylazine (20 mg/ml)
  3. 1 ml (100 mg) acepromazine (10 mg/ml)
  4. 1.5 ml diluent
  - 5.

