

White-Tailed Deer

Dosing Guide

Each deer should be evaluated for weight, stress level, feed plane and health prior to calculating the dose as these are all factors that will affect the level of sedation.

- The dosing information is for guideline purposes only with the help of *The Handbook of Wildlife Chemical Immobilization*, 3rd Ed.
- Please contact your prescribing veterinarian for specific dosing information regarding your specific animal species.



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Sedative Agent Dosing

Concentration

Dose

Adult
Doe Dose

Large
Buck Dose

Medetomidine/ Ketamine*

5mg/150mg/
mL

1 mL per 50 kg IM

1.14-1.36 mL

1.6-2 mL

*Medetomidine/Ketamine combination is given at a dose of 1 mL per 50 kg of body weight (providing a dose of 0.1mg(Medetomidine)/3mg(Ketamine)/kg).

Reversal Agent Dosing

Atipamezole

25 mg/mL

Calculated based on mg of Medetomidine HCl given (5mg of Atipamezole HCl to every 1 mg of Medetomidine HCl)** Atipamezole HCl usually administered IM[†]

1-1.2 mL

1.4-1.7 mL

**If combination Medetomidine/Ketamine (5mg/150mg/mL) is used, multiply volume by a factor of 0.85 to determine how many milliliters of Atipamezole base to use. For example: Medetomidine HCl/Ketamine (5mg/150mg/mL) given at a dose of 1.8 mL, multiplied by 0.85 will give a reversal dose of 1.53 mL of Atipamezole base.

[†]Atipamezole HCl dose may be split, half administered IV and half administered IM.

Questions? Call us at 877.734.3338