

BAM™

Equine Field Anesthesia

Administration of a proprietary butorphanol, azaperone and medetomidine combination commonly prescribed for equine field immobilization and castration

Patented Formulation

- This pre-mixed 11ml formulation contains 27.3mg of Butorphanol, 9.1mg of Azaperone and 10.9 mg of Medetomidine
- It is currently patented [US Pat.7795263] and distributed under the acronym: BAM™.

Attributes of BAM™

- Originally developed as an anesthesia combination for wildlife and used in thousands of capture immobilizations worldwide, BAM has also been prescribed in anesthetizing horses and other equids for multiple veterinary procedures.

Customers Report

- Low volume dosing
- 5-15 minute induction times
- Relaxed abdominal respiration with ventilation
- Minimal increases in body core temperature
- Retention of good blood oxygen levels
- Anesthesia effects can be reversed with animals typically recovering within 5-10 minutes

Reversal Protocol

BAM is reversed (~5-10 minutes) with IM injections of Atipamezole and Naltrexone HCl. These formulations are also included with the BAM anesthesia combination (11 ml volume) as components in the BAM™ Kit:

Atipamezole

(30ml volume; 25mg/ml concentration)

Naltrexone

(5.5ml volume; 50mg/ml concentration)

Dosing Protocols

Based on anesthesia field reports on over 100 horses, donkeys, zebras and Przewalski's horses, a formulary detailing BAM™ administration guidelines with reversal drug dosing protocols has been compiled. (See the BAM™ Formulary Guide for Horses included on page 2 of this bulletin.)

Patent #7,795,263

BAM™

Equine Field Anesthesia Dosing and Reversal Guide*

Estimated Body Weight		To IMMOBILIZE		To REVERSE	
		BAM™ (in mL)	+ Ketamine (mL of 200mg/ml)	Atipamezole (mL of 25mg/mL)	Naltrexone (mL of 50mg/mL)
100	45	1.50	1.00	3.00	0.25
200	90	1.50	1.00	3.00	0.25
300	135	2.00	1.00	4.00	0.50
400	180	2.50	1.00	5.00	0.50
500	225	3.00	1.00	6.00	0.50
600	270	3.00	1.00	6.00	0.50
700	315	3.25	1.25	6.50	0.50
800	360	3.50	1.25	7.00	0.50
900	405	3.75	1.50	7.50	0.50
1000	450	4.00	1.50	8.00	0.50
1100	500	4.50	2.00	9.00	0.50
1200	545	5.00	2.00	10.00	0.50

Each BAM™ Kit contains:

- **Vial #1: BAM™ (11ml)** Each 1ml of this premixed formulation contains:
27.3mg of Butorphanol | 9.1mg of Azaperone | 10.9mg of Medetomidine
- **Vial #2: Atipamezole (30 ml)** Reversal drug at a concentration of 25mg/ml
- **Vial #3: Naltrexone (5.5 ml)** Reversal drug at a concentration of 50mg/ml

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