

## **Tiletamine-zolazepam/Medetomidine/Butorphanol [TMB] Combination for CATS**

**To prepare the combination:**

**Drugs required:**

1. Tiletamine-zolazepam in dry powder format
2. 2.5 mL of Medetomidine 1 mg/mL (1000 microg/mL)
3. 2.5 mL of Butorphanol 10 mg/mL

**Preparation:**

Reconstitute 1 bottle of Tiletamine-zolazepam dry powder with 2.5 mL of medetomidine and 2.5 mL of Butorphanol.

**Resulting concentration of the mixture**

<b>DRUG</b>	<b>CONCENTRATION</b>
Tiletamine-zolazepam	100 mg/mL
Medetomidine	0.5 mg/mL = 500 microg/mL
Butorphanol	5 mg/mL

## Recommended dosing for deep sedation / general anesthesia

Range is 0.03-0.035 mL/kg intramuscularly (IM)

The following drug chart is from the ASPCA PRO Spay/Neuter Alliance

WEIGHT kgs	mL (IM) of TMB combination @0.035 mL/kg
1.0-1.1	0.04
1.2-1.3	0.04
1.4-1.5	0.05
1.6-1.7	0.06
1.8-2.0	0.07
2.1-2.2	0.08
2.3-2.4	0.08
2.5-2.7	0.09
2.8-2.9	0.10
3.0-3.1	0.11
3.2-3.4	0.12
3.5-3.6	0.12
3.7-3.8	0.13
3.9-4.0	0.14
4.1-4.3	0.05
4.4-4.5	0.06
4.6-4.7	0.06
4.8-5.0	0.17
5.1-5.2	0.18
5.3-5.4	0.19
5.5-5.6	0.19
5.7-5.9	0.2
6.0-6.1	0.21
6.2-6.4	0.22

Follow this link for several dog and cat charts to download:

<https://www.aspcapro.org/resource/spayneuter-clinic-drug-charts-logs>

**NOTE:** Tiletamine-zolazepam and butorphanol are controlled substances (CS) and must be recorded based on Federal and State regulations.

Tiletamine-zolazepam CS Schedule 3

Butorphanol CS schedule 4