

Table 1. Doggie magic combination for light and mild sedation-premedication

Dexdomitor-Opioid-Ketamine-Sedation/analgesia In Dogs					
		Light Sedation		Mild sedation	
Dog		Dexdomitor		Dexdomitor	
Weight		<u>62.5 mcg/m² IM</u>		<u>125 mcg/m² IM</u>	
Lbs	Kg	mcg/kg	Dexdomitor ml	mcg/kg	Dexdomitor ml
4-7	2-3	4.7	0.02	9.4	0.04
7-9	3-4	4.15	0.025	8.3	0.05
9-11	4-5	3.85	0.035	7.7	0.07
11-22	5-10	3.25	0.05	6.5	0.10
22-29	10-13	2.8	0.065	5.6	0.13
29-33	13-15	2.6	0.075	5.2	0.15
33-44	15-20	2.45	0.085	4.9	0.17
44-55	20-25	2.25	0.10	4.5	0.20
55-66	25-30	2.1	0.115	4.2	0.23
66-73	30-33	2.0	0.125	4.0	0.25
73-81	33-37	1.95	0.135	3.9	0.27
81-99	37-45	1.5	0.15	3.7	0.30
99-110	45-50	1.75	0.165	3.5	0.33
110-121	50-55	1.7	0.175	3.4	0.35
121-132	55-60	1.65	0.19	3.3	0.38
132-143	60-65	1.45	0.20	3.2	0.40
143-154	65-70	1.41	0.21	3.1	0.42
154-176	70-80	1.5	0.225	3.0	0.45
>176	>80	1.31	0.235	2.9	0.47

Use opioid and ketamine- in an identical injection volume as Dexdomitor shown in the table. Choice of opioid-

- 1) Butorphanol (10 mg/mL) or
- 2) Hydromorphone (2 mg/mL) or
- 3) Morphine (15 mg/mL) or
- 4) Buprenorphine (300 mcg/mL), buprenorphine should be given 15 minutes ahead of Dexdomitor to take full advantage of sedation-analgesia

Table 2. Doggie magic combination –Moderate –Profound sedation

Dexdomitor-Opioid-Ketamine Sedation/Anesthesia In Dogs					
		Moderate Sedation		Profound sedation	
Dog		Dexdomitor		Dexdomitor	
Weight		<u>250 mcg/m² IM</u>		<u>375 mcg/m² IM</u>	
Lbs	Kg	mcg/kg	Dexdomitor ml	mcg/kg	Dexdomitor ml
4-7	2-3	20	0.08	28.1	0.12
7-9	3-4	16.6	0.10	25.0	0.15
9-11	4-5	15.5	0.14	23.0	0.20
11-22	5-10	13.3	0.20	19.6	0.29
22-29	10-13	10.8	0.26	16.8	0.38
29-33	13-15	10.7	0.30	15.7	0.44
33-44	15-20	9.7	0.34	14.6	0.51
44-55	20-25	8.9	0.40	13.4	0.60
55-66	25-30	8.4	0.46	12.6	0.69
66-73	30-33	7.9	0.50	12.0	0.75
73-81	33-37	7.7	0.54	11.6	0.81
81-99	37-45	7.5	0.60	11.0	0.90
99-110	45-50	6.9	0.66	10.5	0.99
110-121	50-55	6.6	0.70	10.1	1.06
121-132	55-60	6.6	0.76	9.8	1.13
132-143	60-65	6.4	0.80	9.5	1.19
143-154	65-70	6.2	0.84	9.3	1.26
154-176	70-80	6.0	0.90	9.0	1.35
>176	>80	5.8	0.94	8.7	1.42

Use opioid and ketamine- in an identical injection volume as Dexdomitor shown in the table. Choice of opioid-

- 1) Butorphanol (10 mg/mL) or
- 2) Hydromorphone (2 mg/mL) or
- 3) Morphine (15 mg/mL)- may induce more frequent vomiting response than other opioids.

4) Buprenorphine (300 mcg/mL), buprenorphine should be given 15 minutes ahead of Dexdomitor to take full advantage of sedation-analgesia

Table 3. Doggie magic combination- surgical injectable combination

Dexdomitor-Opioid-Ketamine Anesthesia-Analgesia In Dogs					
		Invasive procedures		Invasive procedures	
Dog		Dexdomitor		Dexdomitor	
Weight		250 mcg/m² IV		500 mcg/m² IM	
lbs	kg	mcg/kg	Dexdomitor ml	mcg/kg	Dexdomitor ml
4-7	2-3	20	0.08	40.0	0.15
7-9	3-4	16.6	0.10	35.0	0.20
9-11	4-5	15.5	0.14	30.0	0.30
11-22	5-10	13.3	0.20	25.0	0.40
22-29	10-13	10.8	0.26	23.0	0.50
29-33	13-15	10.7	0.30	21.0	0.60
33-44	15-20	9.7	0.34	20.0	0.70
44-55	20-25	8.9	0.40	18.0	0.80
55-66	25-30	8.4	0.46	17.0	0.90
66-73	30-33	7.9	0.50	16.0	1.00
73-81	33-37	7.7	0.54	15.0	1.10
81-99	37-45	7.5	0.60	14.5	1.20
99-110	45-50	6.9	0.66	14.0	1.30
110-121	50-55	6.6	0.70	13.5	1.40
121-132	55-60	6.6	0.76	13.0	1.50
132-143	60-65	6.4	0.80	12.8	1.60
143-154	65-70	6.2	0.84	12.5	1.70
154-176	70-80	6.0	0.90	12.3	1.80
>176	>80	5.8	0.94	12.0	1.90

Use opioid and ketamine- in an identical injection volume as Dexdomitor shown in the table. Choice of opioid-

- 1) Butorphanol (10 mg/mL) or
- 2) Hydromorphone (2 mg/mL) or
- 3) Morphine (15 mg/mL) or
- 4) Buprenorphine (300 mcg/mL), buprenorphine should be given 15 minutes ahead of Dexdomitor to take full advantage of sedation-analgesia

Table 4. Dose chart for kitty magic combination

Dexdomitor-Opioid-Ketamine Sedation/analgesia In Cats					
Cat Weight		Volume			IM route
		Dexdomitor Butorphanol- Ketamine			
Lbs	Kg	Light	Mild	Moderate	Profound /Surgery
4-7	2-3	0.012 mL	0.025 mL	0.05 mL	0.1-0.15 mL
7-9	3-4	0.025 mL	0.05 mL	0.1 mL	0.2-0.25 mL
9-13	4-6	0.05 mL	0.1 mL	0.2 mL	0.3-0.35 mL
13-15	6-7	0.1 mL	0.2 mL	0.3 mL	0.4-0.45 mL
15-18	7-8	0.15 mL	0.3 mL	0.4 mL	0.5-0.55 mL
18-22	8-10	0.2 mL	0.4 mL	0.5 mL	0.6-0.65 mL

Use opioid and ketamine- in an identical injection volume as Dexdomitor shown in the table. Choice of opioid- same as the doggie magic

Dose selections-

Doggie magic:

Use only 62.5 and 125 $\mu\text{g}/\text{m}^2$ dose rates for premedication in geriatric or systemic dysfunctional patients. Use others dose rate for over-all healthy patients for proud sedation or as an injectable anesthetic combination.

Kitty magic:

Use only light and mild dose for geriatric or systemic dysfunctional patients. Use others for over-all healthy cats for profound sedation or as an injectable combo.

Pre-mixed cocktail of doggie-kitty magic for high volume spay-neuter programs:

*Some may consider mixing 3.3 ml of Dexdomitor, 3.3 ml of ketamine and 3.3 ml of Torbugesic (10 mg/ml) in a sterile 10 ml vial as a pre-mixed doggie-kitty magic cocktail in the same bottle.

**To use this pre-mixed doggie-kitty magic cocktail, use the above dose chart to make the desirable choice of sedation/anesthesia for drug volume based on the body weight, and multiply the selected volume by THREE (3).

***For example, if you want to do a spay on a 9 lb cat, the dose selection is

0.2 ml of Dexdomitor,
0.2 ml of ketamine and
0.2 ml of Torbugesic,

You have two choices:

Choice A – draw up each drug separately – so you have a total volume of 0.6 ml.

Choice B- using the premixed cocktail, you draw up 0.6 ml (0.2 ml volume selected from the dose chart and then multiply by three).