

# Drug doses

Drug	Dose mg/kg		Note
	From	To	
Atropine	0.01	0.04	IV, bradycardia, CPR
Dexmedetomidine	0.25 µg/kg	0.5 µg/kg	IV for sedation
Dexmedetomidine	3 µg/kg	5 µg/kg	IM for premedication
Acepromazine	0.01	0.05	IV, IM for sedation
Midazolam	0.1	0.5	For premedication or seizure treatment
Methadone	0.2	0.5	IV, IM or SC; 4 h duration
Morphine	0.2	0.5	0.2 mg/kg max IV dose; 4 h duration
Fentanyl bolus	1 µg/kg	5 µg/kg	15-20 min duration, strong analgesic, only IV.
Fentanyl CRI	10 µg/kg	40 µg/kg	/hour, analgesic infusion
Buprenorphine	10 µg/kg	20 µg/kg	Mild analgesic for 6-8 h duration
Butorphanol	0.1	0.4	Weak analgesic, not suitable for surgeries
Propofol	1	-	IV boluses for anesthetic induction
Etomidate	0.2	-	IV boluses for anesthetic induction
Alfaxalone	0.5	-	IV boluses for anesthetic induction
Ketamine	2.5	-	IV boluses for anesthetic induction
<b>Subanesthetic doses for premedication</b>			
Alfaxalone	0.5	2	Additive to IM premedication
Ketamine	1	2	Additive to IM premedication
<b>Anxiolytics, sedatives and analgesics PO</b>			
Gabapentine	5	50	PO; BID, TID; Even 100 mg/kg has been given to cats 2 hours before veterinary visits.
Trazodone	5	10	PO BID, or 1 hour before veterinary visits.
Pregabalin (Bonqat)	See package insert		Bonqat 50 mg/ml PO for cats. Similar to gabapentine.
Dexmedetomidine (Sileo)	See package insert		Sileo gel absorbed via the oral mucosa. Recommended for treatment of noise sensitivity or prevention. Acting as an anxiolytic.
Tasipimidine (Tessie)	See package insert		Tessie 0.3 mg/ml PO for dogs. Alpha-2 agonist. Recommended for treatment of noise sensitivity or separation anxiety.
Tramadol	2	10	PO; BID or TID for dogs; weak analgesic.
Tramadol	2	4	PO; BID or TID for cats; better analgesic than in dogs.
Amantadine	3	5	PO BID. NMDA antagonist. Adjuvant analgesic for treatment of chronic pain.
Meloxicam for dogs	0.2		Single IV or SC inj. at this dose. Can be followed by 0.1 mg/kg SID PO for 3-5 days.
Meloxicam for cats	0.2	0.3	For single SC inj. Followup treatment is not recommended. Some vets may divide this dose and give for 3 days (e.g. 0.1 + 0.05 + 0.05 mg/kg)
Robenacoxib	2		Single SC bolus at the end of surgery, that can be followed by 1-2 mg/kg PO SID doses for 2 more days for dogs and cats.

The doses are not absolute.

Other doses may be applicable based on common sense and the rules of the profession.