

HEALTHY RABBIT ANESTHESIA DRUG PROTOCOL

Anesthetic Risk 1; BAR, healthy, young (under 3 years old)

Weight (pounds)	Buprenorphine mL (SQ)	Ketamine mL (IM)	Midazolam mL (IM)	Meloxicam mL (SQ)
	0.15 mg/mL	100 mg/mL	5 mg/mL	5 mg/mL
2 - 2#7oz	0.3	0.15	0.15	0.09
2#8oz - 2#15oz	0.4	0.17	0.17	0.11
3 - 3#7oz	0.5	0.20	0.20	0.14
3#8oz - 3#15oz	0.5	0.25	0.25	0.16
4 - 4#7oz	0.6	0.30	0.30	0.2
4#8oz - 4#15oz	0.7	0.30	0.30	0.2
5 - 5#15oz	0.8	0.35	0.35	0.2
6 - 6#15oz	0.9	0.4	0.4	0.3
7 - 7#15oz	1.1	0.5	0.5	0.3
8 - 8#15oz	1.2	0.55	0.55	0.35
9 - 9#15oz	1.4	0.6	0.6	0.4
10 - 10#15oz	1.5	0.7	0.7	0.45
Drug	Concentration		Dose	Route
Buprenorphine	0.15 mg/mL		0.05 mg/kg	SQ
Midazolam	5 mg/mL		0.5-1.0 mg/kg	IM
Ketamine	100 mg/mL		15 mg/kg	IM
Meloxicam	5 mg/mL		0.5 mg/kg	SQ
Drug Protocol				
Minimal handling of rabbits should be done, only taking out of cage once to weigh and examine.				
Food and water must be available at all times before and after surgery.				
All injections must be given with a 25 gauge needles.				
Buprenorphine is given SQ at time of induction.				
Midazolam and Ketamine are combined in one syringe and given IM in epaxial muscles as induction agents.				
Monitor closely for 5-7 minutes after IM induction. Once induced, maintain level of anesthesia with Isoflurane.				
Isoflurane is delivered through a tightly fitting mask at 3-4% and a flow rate of 2 L/min of 100% O ₂ .				
Meloxicam is given SQ just after surgery (at discretion of surgeon).				
This protocol is intended for the majority of animals, but can be modified at attending vet's discretion.				

EMERGENCY DRUGS IN RABBITS

Glycopyrrolate	0.2mg/mL	Dose: 0.02mg/kg IM		
2 lb	4 lb	6 lb	8 lb	10 lb
0.1 mLs	0.2 mLs	0.3 mLs	0.4 mLs	0.5 mLs