

RAT (*Rattus norvegicus*)

<u>Drug Indication and Drugs</u>	<u>Dosage and Route of Administration</u>	
Restraint/Preanesthesia		
Atropine	0.04-0.1 mg/kg	SC
Glycopyrrolate	0.5 mg/kg	IM
Diazepam	0.5- 15 mg/kg	IP
Midazolam	5 mg/kg	IP
Ketamine	22-50 mg/kg	IM
Carbon dioxide	10-50% O ₂ to effect	IH
Anesthesia		
Sodium Pentobarbital	30-60 mg/kg	IV IP
Ketamine	50-90 mg/kg	IM
	50-100 mg/kg	IP
Ketamine/Xylazine:	40-80 mg/kg/10 mg/kg	IM IP
Ketamine/Medetomidine	60-75 mg/kg/0.25-0.5 mg/kg	IM
Isoflurane	2-3 % to effect	IH
Analgesia		
Morphine	1.5-6 mg/kg	SC
Butorphanol tartrate	2.5-5 mg/kg	SC
Buprenorphine	0.01-0.05 mg/kg	SC IP
Ketorolac	3-5 mg/kg	PO
	1 mg/kg	IM
Carprofen	5 mg/kg	SC
Reversal Agents		
Yohimbine (reverses Xylazine)	1-2 mg/kg	IM IP