

Animal Resources Program (ARP)  
Drug Formulary for Laboratory Animals

**RABBITS**

**Anticholinergics**


**Tranquilizers**

	Dose (mg/kg)	Route	Frequency
Acepromazine	1-5	IM	
Chlorpromazine (Thorazine <sup>®</sup> )	1-1.5	IM	
Diazepam (Valium <sup>®</sup> )	5-10	IM	
Medetomidine <sup>4</sup>	0.1-0.5	IM,SC	
Midazolam	0.5-2.0	IM,IV	
Promazine (Sparine <sup>®</sup> )	1-2	IM	

**Analgesics**

	Dose (mg/kg)	Route	Frequency
Butorphanol (Torbutrol <sup>®</sup> )	0.1-0.5	IM,IV	q4h
Buprenorphine (Buprenex <sup>®</sup> C <sup>V</sup> )	0.02-0.05	IV, SC	q4-6
Flunixin	1.1	SC,IM	Q12
Ketoprofen	3	IM	Q24h
Meperidine (Demerol HCl <sup>®</sup> )	10-20	IM	q2-3h

### Anesthetics - INJECTABLE

	Dose (mg/kg)	Route	Frequency
Alpha-chloralose <sup>1</sup>	120	IV	
Fentanyl/droperidol (Innovar-Vet <sup>®</sup> )	0.15-0.33	IM	q30-40 min
Ketamine HCl	20-50	IM,IV	
Ketamine HCl/Acepromazine	50/1	IM	
Ketamine HCl/Diazepam	20-30/1-3	IM	
Ketamine/Medetomidine <sup>4</sup>	25/0.5	IM	
Ketamine HCl/Xylazine (Rompun <sup>®</sup> ) <sup>2</sup>	35/5	IM	
Pentobarbital sodium (Nembutal <sup>®</sup> )	25-40	IV	
Thiopental sodium (Pentothal <sup>®</sup> )	20-50	IV	q5-10 min
Urethane <sup>1</sup>	1000	IV	

<sup>1</sup> Terminal studies only.

<sup>2</sup> Half the initial dose may be repeated as required.

### Anesthetics - INHALANT<sup>3</sup>

	Induction %	Maintenance %
Halothane (Fluothane <sup>®</sup> )	1-3	0.3-1.0
Isoflurane (Forane <sup>®</sup> )	3-4	0.8-1.5

<sup>3</sup> These agents should be used only in ways that prevent exposure to personnel. Induce anesthesia in a closed container and maintain with a nose cone in an appropriately ventilated hood.