

Animal Resources Program (ARP)
Drug Formulary for Laboratory Animals

SYRIAN HAMSTERS

Anticholinergics

	Dose (mg/kg)	Route	Frequency
Atropine	0.05-0.1	SC	once

Tranquilizers

	Dose (mg/kg)	Route	Frequency
Acepromazine	0.5-1.0	IM	once
Chlorpromazine (Thorazine [®])	0.5	IM	once
Diazepam (Valium [®])	5	IP	once
Promazine (Sparine [®])	0.5	IM	once

Analgesics

	Dose (mg/kg)	Route	Frequency
Acetaminophen	200	PO	q 4h
Aspirin	100-150	PO	q4h
Buprenorphine	0.1-0.2	SC	q 8h
Butorphanol (Torbutrol [®])	5	SC	q4-8 h
Morphine	10	SC	q2-4h

Anesthetics - INJECTABLE

	Dose (mg/kg)	Route	Frequency
Ketamine HCl	40	IM,IP	
Ketamine HCl/Acepromazine	150/5	IM	
Ketamine HCl/Xylazine (Rompun [®]) ¹	150/10	IP	
Pentobarbital sodium (Nembutal [®]) ²	50-90	IP	
Telazol	20-80	IM,IP	
Thiopental sodium (Pentothal [®])	20-40	IP	

¹ Intramuscular ketamine HCl/xylazine combination injections have been found to cause muscle necrosis and self-mutilation in some hamsters.

² Dilute pentobarbital to 10 mg/ml.

Anesthetics - INHALANT³

	Dose (mg/kg)	Route	Frequency
Halothane (Fluothane [®])	To effect	Inhalent	
Isoflurane (Forane [®])	To effect	Inhalent	
Sevoflurane	To effect	Inhalent	

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