

## Recommended Anesthetic Agents: *Macaque*

NHP - Macaque	Sedatives / Premedications		
	Name / Dose	Route	Needle Gauge
	Ketamine (5-15 mg/kg)	IM	≤ 22
	Ketamine (5-10 mg/kg) / Xylazine (0.2-0.4 mg/kg)	IM	≤ 22
	Top off ( <i>for currently sedated animals</i> ): Ketamine (10-15 mg/kg) <i>NOTE: For 5-10 min. additional restraint time, as needed.</i>	IV	≤ 23
	Telazol (2-6 mg/kg)	IM	≤ 22
Anesthetics (Maintenance Agents)			
Name / Dose	Route	Needle Gauge	
Isoflurane: Post premed induction via face mask for intubation (3 - 4.5%) Maintenance via ET tube (1.5 - 2.5%) <i>Define delivery gas, e.g., 100% O<sub>2</sub></i>	Inhalation via precision vaporizer with scavenger system*	NA	
Sevoflurane: Post premed induction via face mask for intubation (3 - 5%) Maintenance via ET tube (2.75 - 4%) <i>Define delivery gas, e.g., 100% O<sub>2</sub></i>	Inhalation via precision vaporizer with scavenger system*	NA	
Propofol: IV Bolus with central line at (6-8 mg/kg) for 5-8 min restraint or induction for ET tube placement. <i>Give 1/4 - 1/3 bolus dose and monitor to evaluate effect (excessive dose may cause apnea) .</i> Propofol CRI post induction (0.2-0.6 mg/kg/min)	IV	IV Catheter	

\*= Per UMB ACUP [Equipment Maintenance Guidelines](#): Vaporizers must be calibrated annually.

IM - intramuscular  
IV - intravenous  
CRI - continuous rate infusion

References:  
Lumb and Jones' Veterinary Anesthesia, 3rd Edition  
Plumb, Veterinary Drug Handbook, 3rd Edition  
Laboratory Animal Medicine ACLAM, 3rd Edition