

## Commonly Used Anesthetic Medications

**Note:** fellow residents prepared this chart for your reference. For complete drug index and dosing instructions please refer to appropriate resources.

### Analgesics/Narcotics

Fentanyl	25-100 mcg (0.7-2 mcg/kg). gtt: 0.3-3 mcg/kg/h
Remifentanyl	Induction: 1 mcg/kg/min. Maint: 0.25-0.4 mcg/kg/min
Sufentanyl	Induction: 2-10 mcg/kg. gtt: 0.1-0.5 mcg/kg/h
Morphine	2.5-10mg (peds: 0.05-0.1 mg/kg) q 1-4 h
Hydromorphone	0.2-2 mg ( 0.01-0.04 mg/kg) q 4-6 h
Ketorolac	15-30 mg (0.5 mg/kg) q 6-8 h
Meperidine	25-100 mg (0.5-2.0 mg/kg)SLOW IV. IM/SC: 50-150 (1-3 mg/kg)

### Anesthetics/Sedatives

Midazolam	Sedation: 0.5-4 mg. Seizure: 2-5 mg (0.5-0.1 mg/kg)
Diazepam	Sedation: 2-10 mg SLOW IV. Seizure: 5-10 mg q 10-15 min
Propofol	Induction: 2-2.5 mg/kg. gtt: 20-150 mcg/kg/min
Thiopental	Induction: 3-5 mg/kg. Seizure: 0.5-2 mg/kg as needed
Etomidate	Induction: 0.1-0.4 mg/kg. gtt: 0.25-1 mg/min (5-20 mcg/kg/min)
Ketamine	Induction: 1-2.5 mg/kg. Sedation: 0.5-1 mg/kg
Dexmedetomidine	Induction: 0.5-1 mcg/kg over > 10 min. gtt: 0.2-0.7 mcg/kg/h
Methohexital	Induction: 1.5-2.5 mg/kg. Sedation: 0.25-1 mg/kg

### Muscle Relaxants

Succinylcholine	0.7-1.0 mg/kg IV. IM: 2.5-4 mg/kg. Max 5 mg/kg
Vecuronium	Intubating: 0.08-0.1 mg/kg. Maint: 0.01-0.05 mg/kg
Pancuronium	Intubating: 0.04-0.1 mg/kg. Maint: 0.01-0.05 mg/kg
Cisatracurium	Intubating: 0.15-0.2 mg/kg. Maint: 0.02-0.1 mg/kg
Rocuronium	Intubating: 0.6-1.2 mg/kg. Maint: 0.06-0.6 mg/kg

### Emergency/Cardiac

Atropine	20-40 mcg/kg. <b>Asystole: 1 mg IV push</b>
Adenosine	6 mg rapid push. Repeat with 10 rapid push
Amiodarone	<b>Pulses VF/VT:</b> 300 mg in 30 cc NS push. May repeat with 150 mg push. Max dose 2.2 g/d then 1 mg/min x 6 h, then 0.5 mg/min <b>Supravent tachy:</b> 300 mg IV over 1 h, then 20 mg/kg over 24 h
Dantrolene	1-2 mg/kg q 5-10 min. Max 10 mg/kg

### Reversal Agents

Naloxone	40-80 mcg IV. Repeat every 2-3 min as needed
Flumazenil	0.2 mg IV @ rate of 0.2 mg/min. Titrate to effect. Max dose 3 mg
Neostigmine	0.05-0.07 mg/kg. Max dose 5 mg. Use with glycopyrrolate (one dose)
Edrophonium	0.5-1 mg/kg slow IV. Max 40 mg. Use with atropine (one dose)

### Antiemetics

Dolansetron	12.5 mg MR x 1
Decadron	4-8 mg (one dose)
Haldol	10 mcg/kg (one dose)
Promethazine	6.25-12.5 mg (one dose)
Prochlorperazine	1.25-2.5 mg <b>SLOW</b> IV, MR x 1

### Antihypertensives & Vasodilators

Labetalol	5-20 mg over 2 min
Esmolol	25-100 mg. gtt: 25-50 mcg/kg/min
Metoprolol	1-5 mg
Hydralazine	2.5-5 mg
Nicardipine	gtt: 0.5-3.5 mcg/kg/min. <b>ONLY</b> with NS or Dextrose
Diltiazem	0.25 mg/kg or 20 mg over 2 min, gtt: 5-15 mg/h
Verapamil	2.5-10 mg over 2 min. max 20 mg
Enalaprilat	0.625-1.25 mg SLOW (5 min) <b>IV</b> q 6 h
Nitroglycerin	gtt: 0.1-4 mcg/kg/min. Bolus: 25-100 mcg
Nitroprusside	gtt: 0.25-10 mcg/kg/min

### Vasopressors and Inotrops

Phenylephrine	push: 50-100 mcg. gtt: 0.15-4 mcg/kg/min
Ephedrine	5-10 mg
Norepinephrine	gtt: 0.04-0.4 mcg/kg/min
Epinephrine	gtt: 0.1-1 mcg/kg/min. Cardiac arrest: 1 mg
Dobutamine	gtt: 2-20 mcg/kg/min
Dopamine	gtt: 1-20 mcg/kg/min
Milrinone	50 mcg/kg over 20min. Then, gtt 0.5 mcg/kg/min.
Vasopressine	gtt 0.04 units/min fixed rate

Unless specified otherwise, most medications may be repeated to achieve a desired effect.