NSU Anesthesiologist Assistant Program – Colorado

Incoming Student Medication Reference | Class of 2029

Medication	Trade / Alternate Name	Drug Class / Type	Standard Concentration / Supply	Common Dose / Use
Induction Agents				
Propofol	Diprivan	Diisopropylphenol	10 mg/mL	1.5-2.5 mg/kg
Etomidate	Amidate	Carboxylated imidazole	2 mg/mL	0.1-0.4 mg/kg
Ketamine	Ketalar	Phencyclidine	10 mg/mL	1-2.5 mg/kg
Sedatives				
Midazolam	Versed	Benzodiazepine	1 mg/mL	2 mg
Precedex (infusion)	Dexmedetomidine	Alpha-2 agonist	100 mcg/ml	0.2-2 mcg/kg/hr
Pain Medications				
Fentanyl	Sublimaze	Opioid	50 mcg/mL	25-50 mcg
Morphine	Morphine	Opioid	10 mg/mL	2.5-5 mg
Remifentanil (infusion)	Ultiva	Opioid	2 mg/mL	0.5-1.0 mcg/kg/min
Meperidine	Demerol	Opioid	50 mg/mL	12.5-25 mg
Hydromorphone	Dilaudid	Opioid	1, 2 mg/mL	0.25-0.5 mg
Naloxone	Narcan	Opioid Antagonist	0.4 mg/mL	1-4 mcg/kg
Antiemetics				
Ondansetron	Zofran	5-HT3 antagonist	2 mg/mL	4 mg
Metoclopramide	Reglan	Cholinomimetic	10 mg/mL	10 mg
Promethazine	Phenergan	Phenothiazine	25 mg/ml	6.25-25mg

Diphenhydramine	Benadryl	H1 Receptor antagonist	50 mg/ml	50 mg
Famotidine	Pepcid	H2 receptor antagonist	10 mg/mL	20 mg IV
Muscle Relaxants				
Succinylcholine	Anectine/Quelicin	Depolarizing MR	20 mg/mL	1-2 mg/kg
Rocuronium	Zemuron	Non-depolarizing MR	10 mg/mL	0.6-1.2 mg/kg
Vecuronium	Norcuron	Non-depolarizing MR	1 mg/mL	0.08-0.12 mg/kg
Cisatracurium	Nimbex	Non-depolarizing MR	2 mg/mL	0.08-0.12 mg/kg
Reversal Agents				
Edrophonium	Enlon	Cholinesterase inhibitor	10 mg/mL	0.5-1 mg/kg
Neostigmine	Prostigmin	Cholinesterase inhibitor	0.5, 1 mg/mL	0.04-0.08 mg/kg
Atropine	Atropine	Cholinergic antagonist	0.1, 0.4 mg/mL	0.01-0.03 mg/kg
Glycopyrrolate	Robinul	Cholinergic antagonist	0.2 mg/mL	0.01-0.02 mg/kg
Sugammadex	Bridion	Selective relaxant binding agent	100 mg/mL	2, 4, or 16 mg/kg
Adrenergic Agents				
Phenylephrine	Neosynephrine	Adrenergic agonist	10 mg/mL	100 mcg
Epinephrine (bolus dose)	Adrenaline	Adrenergic agonist	1 mg/mL	5-10 mcg
Ephedrine	Ephedra	Adrenergic agonist	50 mg/mL	5 mg
Norepinephrine (infusion)	Levophed	Adrenergic agonist	1 mg/mL	0.05-0.1 mcg/kg/min
Labetalol	Trandate	Adrenergic antagonist	5 mg/mL	5 mg
Esmolol	Brevibloc	Beta antagonist	10 mg/mL	10-20 mg
Metoprolol	Lopressor	Beta antagonist	1 mg/mL	1-2 mg
Local Anesthetics				
Lidocaine	Xylocaine	Amide LA	20 mg/mL	0.5-1 mg/kg
Bupivacaine	Marcaine	Amide LA	0.25% and 0.5%	Peripheral nerve blocks (20-30ml)

Ropivacaine	Naropin	Amide LA	0.25% and 0.5%	Peripheral nerve blocks (20-30ml)
Adjunct Agents				
Ketorolac	Toradol	NSAID	30mg/mL	30mg or if <30kg: 0.5mg/kg
Ofirmev	Acetaminophen	Non-opioid Analgesic	10 mg/mL	15mg/kg no more than 1000mg