

RAPID SEQUENCE INTUBATION MEDICATIONS

Pre-Med							
Medication	Dose IV	Max Dose	Onset	Duration	Preferred agent	Additional Information	Reversal
ATROPINE	0.02 mg/kg	1 mg	2-4 min	30 min		Not routinely recommended but can be considered for children < 1 year or children with bradycardia	None
Sedatives - Relaxes and decreases level of awareness in patient							
Medication	Dose IV	Max Dose	Onset	Duration	Preferred agent	Additional Information	Reversal
MIDAZOLAM (VERSED)	0.1-0.3 mg/kg	4mg/dose; 10 mg cumulative	1-3 min	15-45 min		Rapid injection causes respiratory depression. Most often needs to be given with an analgesic (i.e. fentanyl) to obtain adequate sedative affect.	Flumazenil (Romazicon) 0.01mg/kg (max 0.2mg/dose and max cumulative dose 1mg)
ETOMIDATE (AMIDATE)	0.3 mg/kg	20mg	1 min	10 min	Head Injury	Not recommended in septic patient as may cause adrenal insufficiency. Decreases intracranial pressure and cerebral metabolic rate.	None
KETAMINE	1-2 mg/kg		30-60 sec	10-20 min	Asthma Septic Shock	*Restricted use based on credentialing and facility availability*	None
PROPOFOL	1-2 mg/kg				Status Epilepticus if hemodynamically stable	*Restricted use based on credentialing and facility availability* Causes HYPOTENSION	None

Analgesic							
Medication	Dose IV	Max Dose	Onset	Duration	Preferred agent	Additional Information	Reversal
FENTANYL	1-5 mcg/kg	100mcg/dose	immediate	30-60 min		If given too fast will cause chest wall rigidity. Needed mostly with midazolam sedation to achieve adequate sedative affect.	Narcan 0.1 mg/kg (2 mg if above 20kg)
Paralytics - Conscious patients remain conscious during paralysis which is frightening and painful so sedate patients first and paralytics last. Sedatives and paralytics react so flush well!!							
Medication	Dose IV	Max Dose	Onset	Duration	Preferred agent	Additional Information	Reversal
ROCURONIUM	1mg/kg		30-60sec	30-40 min			None; Sugammadex if available at 2mg/kg BUT there is risk of cardiac arrythmias or anaphylaxis with use. ONLY FOR AGE >2 YEARS
VECURONIUM	0.1mg/kg		2-4 min	30-40 min			None; Sugammadex if available at 2mg/kg BUT there is risk of cardiac arrythmias or anaphylaxis with use. ONLY FOR AGE >2 YEARS
SUCCINYCHOLINE	2mg/kg if <2 years; 1mg/kg if >2 years	150mg	30-60 sec	6-10 min		Do not use with pts with neuromuscular disease, increased ICP, increased IOP, hyperkalemia, burns, trauma, h/o malignant hyperthermia	None