

# Cholinergic

Muscarinic					Nicotinic		
					Location		
					Ganglionic nicotinic	End organ nicotonic = muscle	
Agonist (not used often)		Antagonists				Antagonist / Nondepolarizing neuromuscular blocker (NMJB)	Agonist
Pilocarpine – Glaucoma	Bethanecol – relieves urinary retention	Atropine - Bradychardia (if caused by PNS problems)	Scopolamine Glycopyrolate	Oxybutynin & Tolterodine for urinary incont. (can't hold it)		-General anesthesia to facilitate endotracheal intubation and surgery. -With mechanically ventilated patients to conserve energy/prevent “fighting” the respirator. The patient paralyzed but can think and feel THEREFORE sedative/ analgesic or inhalation anesthetic <u>MUST</u> be used at the same time.	Succinylcholine remains bound; non reversible w/ Ach inhibitors Use for Rapid inductions Endoscopy (body camera)
		AE (for all MA): Can't see, Can't pee, Can't spit, Can't shit. May also cause confusion and delirium.				Ex: Tubocurarine	
				AE: not very effective + multiple side effects (e.g. dry mouth)	Not interested in controlling here.	Reversible with acetylcholinesterase inhibitors NO CNS Depression	

