

Cholinergic drugs Cheat Sheet by sam219 via cheatography.com/201893/cs/42842/

Reversible anti-cholinesterase					
Physostigmine	Neostigmine	Pyridostigmine	Ambenonoium Cl	Edroph- onuim Cl	Donepezil" <i>Aricept</i> "
ttt of glaucome	ttt of myasthenia gravis	ttt of myasthenia gravis	ttt of myesthenia gravis		ttt of Alzheimer's' dimentia
Antidote to atropine p	oisoning.				
-Natural			longer duration		
Can pass BBB & conjunctiva			fewer GI side effects		Side effects include nausea, diarrhea, sleeping troubles
/in disc of all alian analyses					

(indirect cholinomimetics)

Muscarinic agonist

-Bethanechol CI-

must not be administered IV or IM routes

Used for urine retention or abdominal distention (to increase digestion)

Long acting due to:

- 1. Beta methyl
- 2. Carbamate ester

Irreversible ChE inhibitors.

Organophosphorus compounds: insecticide, nerve gases & ttt of glaucoma.

Antidote: Pralidoxime (ChE reactivator)

Tetraethyl pyrophosphate

Anti-muscarinic			
Natural	Synthetic (amino-alcoh- ol-ester)	Synthetic (amino-al- cohol)	
Solanaceous alk. (Atropine & scopolamine)	Clidinium bromide	Biperiden	
atropine is used as preane- sthtic to decrease oral and pulmonary secretions.	Used in ttt of spastic colon and peptic ulcer.	Anti-park- insonian	
	-It's combined with chlordiazeopoxide in a drug called Normaxin	Combined with levodopa	
	Its anti-spasmodic and anti-secretory so decreases gastic HCl secretions and abdominal cramping.		
CI in glaucoma	Contraindicated with glaucoma		

(Depolarizing) Ganglionic blockers

Nicotine

Acts as a blocker only in large doses (small doses of nicotine are stimulants)

	neuromuscu	

14011-depolarizing ficuloritascular blockers				
Tubocu rarine	Gallamine triethiodide	Pancur- onuim	Rocuronuim bromide	
- natural-	Synthetic	Aminos- teroid ms. relaxant	Aminosteroid ms. relexant	
	muscle relaxant for surgical procedures	Used for euthan- sia/lethal- injection	Used as skeletal ms relexant, usually for endotracheal intubation (mechanical ventil- ation or surgery)	
		Effects are partially reversed by reversible ChE inhibitors		

Also called curariform or curari-mimmetic drugs.

They relax smooth ms. and used as preanesthetic medication. They must have quaternary ammonium compounds to have a permanent positive charge so that they never act centrally (never pass BB).



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Not published yet. Last updated 8th May, 2024. Page 2 of 2. Sponsored by CrosswordCheats.com Learn to solve cryptic crosswords! http://crosswordcheats.com