



- v. *Hot as a pistol* (hyperthermia)
- vi. *Full as a flask* (urinary retention)
- vii. *"Tacky" like a pink flamingo* (tachycardia and hypertension)
- b. Cholinergic (**DUMBELS**)
DUMBELS is a mnemonic used to describe the signs and symptoms of acetylcholinesterase inhibitor agent poisoning. All patient age groups are included where the signs and symptoms exhibited are consistent with the toxidrome of DUMBELS
 - i. **D**iarrhea
 - ii. **U**rination
 - iii. **M**iosis/**M**uscle weakness
 - iv. **B**ronchospasm/**B**ronchorrhea/**B**radycardia (*the killer Bs*)
 - v. **E**mesis
 - vi. **L**acrimation
 - vii. **S**alivation/**S**weating
- c. Opioids
 - i. Respiratory depression
 - ii. Miosis (pinpoint pupils)
 - iii. Altered mental status
 - iv. Decreased bowel sounds
- d. Sedative Hypnotic
 - i. Central nervous system depression
 - ii. Ataxia (unstable gait or balance)
 - iii. Slurred speech
 - iv. Normal or depressed vital signs (pulse, blood pressure, respiratory rate, neurologic status assessment)
- e. Stimulants (Sympathomimetic)
 - i. Tachycardia, tachydysrhythmias
 - ii. Hypertension
 - iii. Diaphoresis
 - iv. Delusions/paranoia
 - v. Seizures
 - vi. Hyperthermia
 - vii. Mydriasis (dilated pupils)
- f. Serotonin Syndrome (presentation with at least three of the following)
 - i. Agitation
 - ii. Ataxia
 - iii. Diaphoresis
 - iv. Diarrhea
 - v. Hyperreflexia
 - vi. Mental status changes
 - vii. Myoclonus
 - viii. Shivering
 - ix. Tremor
 - x. Hyperthermia
 - xi. Tachycardia