


Section: Drug Reference
Subject: PRALIDOXIME (2-PAM®)
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Pralidoxime

1. CLASSIFICATION
 - a. Cholinesterase Reactivator
2. ACTIONS / DESCRIPTIONS
 - a. Reactivates cholinesterase that has been inactivated due to organophosphates or nerve agent poisoning.
 - b. Breaks the phosphorus bond between the organophosphate or nerve agent and cholinesterase thereby regenerating the enzyme.
 - c. Cholinesterase breaks down acetylcholine so that effects of the parasympathetic nervous system (PNS) do not continue
3. INDICATIONS
 - a. Antidote for anticholinesterase inhibitor poisoning.
 - i. Organophosphates or nerve agents after atropine administration
4. CONTRAINDICATIONS
 - a. Known allergy to medication
5. PRECAUTIONS
 - a. Patients with myasthenia gravis
6. ADVERSE REACTIONS
 - a. Dizziness
 - b. Tachycardia, hypertension
 - c. Blurred vision
 - d. Muscle weakness
7. DOSAGE
 - a. 1.0 – 2.0 gm by IV infusion in 100 mL over 15 – 30 minutes (may be repeated if needed)
8. INFORMATIONAL/DISCUSSION POINTS
 - a. NOT USED in carbamate poisoning
 - b. Must be administered prior to the bond between the organophosphate or nerve agent and cholinesterase becoming permanent (aging).