




Susan Harrington, M.S., R.D.  
Director, Department of Public Health

**Date:** September 15, 2011

**To:** EMS Providers, Fire Departments and Law Enforcement Agencies

**From:** Eric Frykman, M.D., MPH, MBA, Public Health Officer  
Humberto Ochoa, M.D., EMS Medical Director 

**RE:** Extension of Expiration for Mark I Kits with Lot Number Lot 6TF914 and 6S4913

After careful research, we have determined that the existing stock of Mark I kits that will expire on September 30, 2011 can remain in the use by pre-hospital personnel until September 30, 2012 or until replaced by the County of Riverside, Department of Public Health (DOPH). We have reviewed the current literature and pharmacological data regarding Mark I kits and the medications included in these kits (Atropine and Pralidoxime) and have concluded that these medications lose efficacy very slowly over time and do not degrade into toxic byproducts.

We are actively pursuing funding options for the replacement of the expiring Mark I kits and will notify effected Agencies when replacements have been received.

If you have any questions regarding this memorandum or the Mark I kits, please contact Brian Tisdale at (951) 358-7100 with the Department of Public Health Emergency Preparedness and Response (PHEPR) Branch or Brian MacGavin at (951) 358-5029 in the EMS Agency.