



**\*\*\* PARAMEDIC ALERT \*\*\***

**No. 2013-01**

Date: May 8, 2013

Topic: Critical Medication Shortage Guidelines

Effective: Immediately

Attention: All EDC Paramedics and Base Hospital Personnel

As you are probably already aware, there is a nationwide shortage of Dextrose (D50 and D25) and Magnesium Sulfate. This situation will most likely continue for an indefinite period of time, so it is important that we have a plan in place. Until further notice, please use the following guidelines:

**D50/D25:**

1. Do not dispose of any expired D50/D25 until the shortage has ended. It may be necessary to utilize these at a later date, pending State EMS Authority approval. DO NOT USE EXPIRED D50 AT THIS TIME.
2. For D50: Providers may implement and utilize 250 mL of D10 to supply 25g of dextrose. (1-250 mL bag = 25g of D50).
3. For D25: Providers may implement and utilize D10 at 5ml/kg for pediatric patients. (Neonates 2 ml/kg)

**Mag Sulfate:**

1. Shift all extra supplies of mag sulfate from ALS engines to the ambulances. It is permissible for an ALS engine to not carry mag sulfate at this time.
2. Save all expired vials of manufactured (not locally compounded) mag sulfate for possible use in an emergency situation.

Thank you,

A handwritten signature in black ink, appearing to read "David Brazzel", is written over a white background.

David Brazzel, MD  
Medical Director, El Dorado County EMS Agency