



To: WVEMS Field Providers  
From: Chris Christensen, WVEMS Field Coordinator  
Date: 6/8/2018  
Re: **Magnesium Sulfate Shortage/Emergency Protocol**

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Charles Lane, MD, WVEMS Regional Medical Director has implemented an emergency protocol for Magnesium Sulfate in the event that your drug box does not contain 2 (1g vials) due to a shortage.

Pharmacies have begun to report shortage of 1 gram vials of Magnesium Sulfate. Pharmacies will place (1) 2 gram premixed 50ml bag. The outside of the box should contain a label to alert you to this change should this occur. Dosing will be as follows:

**How Supplied: 2 grams Magnesium Sulfate/50ml = 40mg/ml**

When indicated, Magnesium Sulfate should be pressure infused over 5 minutes for Cardiac Arrest and Eclampsia

When indicated, Magnesium Sulfate dosing should be given over 10-20 minutes for Respiratory Distress

Pediatric Dosing: 50mg/kg