



To: WVEMS Field Providers
From: Chris Christensen, WVEMS Field Coordinator
Date: 10/5/2020
Re: **Magnesium Sulfate Shortage/Emergency Protocol**

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 OR (2) 1 gram premixed 100ml 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

How Supplied: 1 grams Magnesium Sulfate/100ml = 10mg/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