



McLean County Area EMS System

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To: ILS/ALS Agencies
From: Travis Wilson, BS, NPR, LI
EMS System Director
Date: 3/18/2019
Subject: Drug Shortages

Agencies,

Recently there have been multiple drug shortages. Those shortages include:

Sodium Bicarb 50mEq Prefilled Syringes
Epinephrine 1:10,000 1mg Prefilled Syringe
Dextrose 25grams Prefilled Syringes

We are currently working with both hospitals as their stocks vary slightly from each other and their ability to procure drugs varies as well. These drug shortages are a fluid situation and out of the EMS System control. We will work to provide agencies with the most up-to-date information to EMS agencies as it comes available to us.

There are several potential changes in how medications will be supplied, however there will be NO changes in dosing at this time.

Sodium Bicarb 50mEq

Sodium Bicarb will be given in 50mL vials. OSF will also be handing out 60mL syringes as a courtesy. Please ensure you have an extra syringe on your units. The dose is the exact same. All providers need to do is draw up the 50mL solution.

Epinephrine 1:10,000 1mg

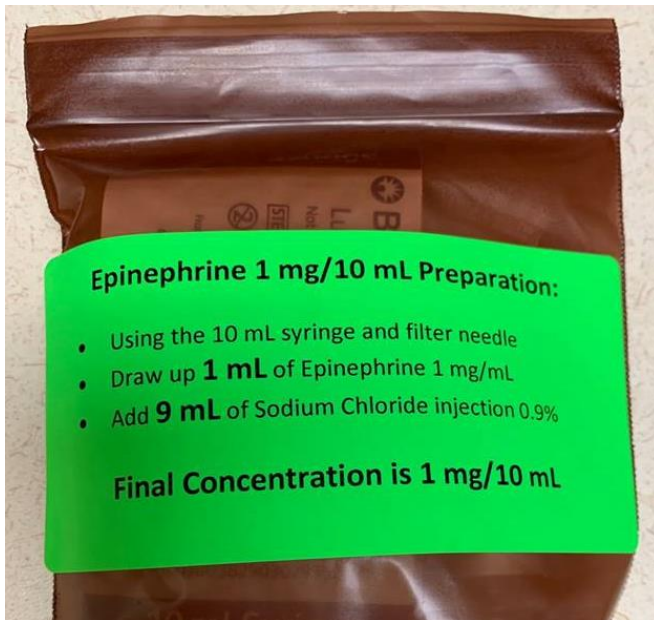
OSF is currently on short supply of Epi 1:10,000 prefilled syringes. They will be handing out Epi 1:10,000 kits. It is recommended that these kits be used last as they will require being drawn up to administer.

The kits include:

- 1x Epinephrine 1mg/mL ampule
- 1x Sodium Chloride 0.9% 10mL vial
- 1x 10mL syringe
- 1x filter needle

Steps to draw up medication

- 1.) Using the 10mL syringe and filter needle draw up **1mL** of Epinephrine from the ampule
- 2.) Draw up **9mL** of normal saline into the 10mL syringe.
- 3.) Final solution 1mg/10mL



This is the package OSF St. Joseph is handing out. Advocate currently has enough stock, but anticipates a shortage. They are working on how they will give out medication.

Dextrose 25grams prefilled syringes

Currently both hospitals have a supply, but shortages are anticipated. A potential change would be a 50mL vial with the D50 in it. You would have to draw it up similarly to the sodium bicarb in a 50-60mL syringe.

We will notify providers as soon as we are made aware of any changes. If your agency receives an unusual dose or has an issue arise with pharmacy, please contact our office as soon as possible.

Thank your patience during this.

Travis Wilson

Travis Wilson, BS, NRP, LI
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McLean County Area EMS System