FINGER LAKES REGIONAL EMS COUNCIL, INC.

EMERGENCY MEDICAL SERVICES
in affiliation with Finger Lakes Community College

TO: All Agencies and providers

FROM: Jack Davidoff, MD REMAC Chair

RE: Epinephrine 1:10,000 Shortage

DATE: July 19, 2010

REMAC ADVISORY

A shortage exists in the availability of Epinephrine 1:10,000. Hospira Inc. Is the only manufacturer of this medication, and says that the resupplies should be available by early July. At this time the region is beginning to experience a shortage in 1:10,000 Epinephrine available to EMS. Hospital pharmacies are providing additional vial/ampules of Epinephrine 1:1,000 to meet the need for this resuscitation medication. This advisory is being distributed to remind ALS providers of the process of diluting 1:1,000 to achieve a 1:10,000 concentration.

In the absence of Epinephrine 1;10,000 providers are authorized to use a vial/ampule of Epinephrine 1:1,000 after dilution to achieve a 1:10,000.

Please follow these instructions for using Epinephrine 1:1,00 and diluting to 1:10,000:

1. Using a Saline Flush, remove 1ml. of saline leaving 9ml., or draw up 9ml. of sterile saline into an empty 10ml. syringe
2. Attach a needle
3. Draw up 1ml. of Epinephrine 1:1,000 into the 9ml. or saline ensuring you do not inject saline into the vial/ampule. You now have a 1;10,000 concentration of Epinephrine(1mg/10ml).
4. Remove the needle and use as you would the preloaded Epinephrine

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