



DT: 10.01.2020
TO: All EMS System Providers
RE: Preload Epinephrine Shortage RESOLVED

In September of 2019, due to a national shortage of preload epinephrine (1mg in 10ml of 1:10,000), in an attempt to consolidate our inventory to ensure we had 1:10,000 dosing available for any pediatric cardiac arrest patient, we allowed 1mg/1ml of 1:1,000 epinephrine to be used for adult cardiac arrest patients AFTER the first 2-3 doses of preload epinephrine.

- **Effective immediately**, after consultation with the Medical Director Liaison Committee (MDLC) and Med-Act Logistics, please STOP giving 1mg/1ml (1:1,000) epinephrine IV for cardiac arrests.
- **Only use preload 1mg/10ml (1:10,000) epinephrine when administering IV/IO to cardiac arrest patient.**
- This is merely a return to previously accepted, best practice and tradition.

We will continue to monitor the situation closely and will update the guidance as necessary.

As always, use the Medication Cross Check for all medications including those given in cardiac arrest.

Respectfully,

A handwritten signature in blue ink, appearing to read "Ryan C. Jacobsen".

Ryan C. Jacobsen MD, FACEP, FAEMS
JOCO EMS System Medical Director