



## MEMORANDUM

TO: KY Licensed Ambulance Services  
FROM: Julia Martin, MD  
State EMS Medical Advisor  
DATE: January 17, 2013  
RE: Drug Supply Shortages: D50 substitutions

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The Kentucky Board of EMS is currently aware of the drug shortage of D50. The following substitutions may be used.

The typical adult dose is 25 grams of glucose, given as 50 ml. of 50% dextrose solution (500 mg. of dextrose per ml.).

In any situation where D50 would be used, as specified in the Statewide Treatment Protocols, ambulance services may use any of the following acceptable substitutions:

- a. An equal-dose amount of D25. Since this is packaged in 10 ml. syringes, the usual adult dose would be 10 syringes of 10 ml. each of D25, or 100 ml. of D25.
- b. A sterile IV bag containing 250 ml of D10W, delivering 25 grams of glucose.