Committee: New York City Society of Health-System Pharmacists

Topic: **Standardization of Commercially Available Pediatric Intravenous Medications**

Sponsored: Yi Guo, Pharm.D.; Amisha Leimbach, Pharm.D., CJCP

Whereas, many intravenous medications prescribed to pediatric patients in hospital settings are formulated and packaged from the same medication concentration utilized for adult patients.  As a result, a number of intravenous medications must be extemporaneously prepared in different volumes or concentrations prior to dispensing for the pediatric or neonatal patient. This, coupled with the stocking of multiple concentrations of the "bulk medication" that will be diluted, increases the opportunity for medication errors.

Whereas, in an effort to reduce the risk of medication errors, the Institute for Safe Medication Practices (ISMP) and various pediatric safety organizations have recommended that pediatric medications should be prepared in standard concentrations and to limit the number of available concentrations to the minimum needed for patient care. ISMP also encourages manufacturer production of commercially available intravenous medications in appropriate pediatric concentrations to reduce the need for extemporaneous compounding.

*Resolved that:*

The New York State Council of Health-System Pharmacists supports the development of a standardized pediatrics and neonatal intravenous medication concentration reference. Subsequently, the council supports manufacturer production of commercially available intravenous medication solutions with availability in the standardized concentrations listed in the aforementioned reference.

Date: February 5, 2016

By: Yi Guo, Pharm.D. Amisha Leimbach, Pharm.D., CJCP

Signature of NYSCHP Active Member 1 Signature of NYSCHP Active Member 2