



August 2009

Dear EMS System Coordinator,

Illinois EMSC is pleased to provide you with the enclosed *Instructional Guidelines for Use of Strategic National Stockpile (SNS) Ventilators in the Pediatric Patient* and laminated copies of the companion *Quick-Set-Up tool*.

In the wake of a severe pandemic flu, most available ventilators owned by hospitals will be in use, which may necessitate the distribution of ventilators currently stored in the Strategic National Stockpile (SNS). A surge of pediatric patients in a pandemic may result in many children who require respiratory support in hospitals and alternate care sites that are not used to routinely caring for children on ventilators.

These guidelines were developed to provide guidance to clinicians (physicians, nurses and respiratory care providers) with a baseline knowledge of pulmonary physiology and the concepts of ventilation, who may find themselves working with ventilators that are not used on a daily basis. The intent is to provide clinicians with a pediatric resource for Just-in-Time training and set up of the SNS Ventilators (as of 2009).

These documents outline use of the SNS ventilators in children, review pediatric ventilator settings and troubleshooting steps, and also include self-study scenarios. **We encourage you to share these guidelines with clinicians that may need to utilize the SNS ventilators. Also keep these materials in a handy location in the event that they are needed.**

Additional copies of these documents are available through the Illinois EMSC office. An electronic version is also available on the Illinois EMSC website at www.luhs.org/emsc. Visit our website for other pediatric resources.

This document was developed under the guidance of the Pediatric Bioterrorism Workgroup, Illinois Terrorism Task Force, and was supported through Assistant Secretary for Preparedness and Response (ASPR) funding. We hope that these documents assist in your preparedness efforts.

For any questions that you may have, please feel free to contact Evelyn Lyons at 708-327-2556 or Evelyn.Lyons@illinois.gov, or Miriam Miller at 708-327-2558 or mimiller@lumc.edu.

Sincerely,

Illinois EMSC Team

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