

HEPP Project Fact Sheet

RESPIRATORY SURGE CAPACITY AND CAPABILITY IMPROVEMENT PILOT PROJECT

JUST THE FACTS

Start Date

Phase I: 2006

Phase II: 2008

Completion Date

Phase I: 2007

Phase II: Ongoing

Scope of Services

Equipment

3 Versamed iVent 201 ventilators & durable medical equipment per hospital

Training

"Train-the-trainer" training for Respiratory Therapy staff

"Just-in-time" training for other hospital staff

Use

Ongoing utilization in various hospital settings

of participating NYC hospitals

Phase I: 23; Phase II: 21

of hospital staff trained

Phase I & II: Over 500 each

Medical Director

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Goal of the Respiratory Surge Capacity and Capability Improvement Pilot Project ("Vent Project")

- Increase the capacity and capability of New York City hospitals to respond to a critical care surge event like pandemic influenza.

Objectives of the Vent Project

- Convene a hospital-based Critical Care Advisory Group (CCAG) to advise DOHMH on the selection of a ventilator for the citywide cache.
- Provide New York City hospitals with the ventilator purchased for the citywide cache.
- Increase familiarity with the ventilator by integrating its use across multiple hospital departments.
- Evaluate the use/acceptability of the ventilator in multiple hospital settings.
- Train Respiratory Therapy and ancillary hospital staff in the use of the ventilator.
- Conduct a hospital evaluation of the training and supporting materials that will be provided to respiratory therapists in a "train-the-trainer" format.

Participating Hospitals

- **23** hospitals in Phase I and **21** hospitals in Phase II from all 5 boroughs of New York City participate in the Vent Project.

Project Components

- Supply of ventilators – Each participating hospital received 3 Versamed iVent 201 ventilators and accompanying durable medical equipment (DME).
- Training of hospital staff – Versamed provides hospital Respiratory Therapy staff "train-the-trainer" training; Respiratory Therapy staff provides ventilator training to other hospital staff.
- Use and evaluation of ventilators – Hospitals use ventilators for a minimum number of patient care encounters and hours across multiple hospital locations.

Project Accomplishments (Phase I)

- 23 selected hospitals provided feedback on ventilators over 9 months.
- 498 patients with 23,774 hours of use in varied patient settings, including: transport, ED/ICU, pediatric, adult, chronic care units.
- Over 500 hospital staff trained
- Hospital feedback and project data supported the development of a citywide ventilator cache in response to projected gaps in citywide ventilatory capacity during a pandemic influenza event.
- Phase II: 100% of Phase II hospitals successfully completed a ventilator delivery exercise. The exercise utilized the NYCMED "Dialogics" calldown to instruct hospital on the delivery instructions.