Changing the Landscape of Neonatal Clinical Data, Management, and Analytics

VPS NICU offers a new paradigm integrating a wide range of neonatal datasets from major registries down to custom project-based modules, in a single unified data ecosystem. This allows for streamlined data abstraction and electronic submission, as well as a highly broadened breadth of data available for each unit to utilize.

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What is the Value for Neonatologists?

- Robust risk adjustment and custom cohort benchmarking
- Rapid integration of datasets from neonatal registries down to custom data fields into a single neonatal data ecosystem
- Intelligently designed user interface, custom dashboards and on-demand ad hoc reporting with customizable graphics
- Streamlines data abstraction and submission via electronic data submission (EDS) and integration with major EMR’s
- Integrates custom data modules for the specific needs of a NICU – physiologic data, HAC’s, resource utilization
- Unprecedented data continuity by linking patients between periods of care - NICU, HRIF Clinic, PICU and Cardiac ICU, allowing patients to be followed across the hospital and system

What is VPS NICU?

VPS NICU is a new state-of-the-art, neonatal data ecosystem and analytics platform. The purpose of this database is to serve the wide ranging clinical data management and analytic needs of high level NICU’s of all sizes and profiles including:

- Unit Management
- Quality Improvement
- Clinical Research
VPS, LLC

Virtual Pediatric Systems, LLC supports a community of pediatric critical care colleagues who are dedicated to standardized data sharing, research and benchmarking among pediatric ICUs, including neonatal ICUs. Participants commit to the collection of high quality data elements that are important to understand, evaluate and improve care and outcomes for critically ill children. The VPS Community collaborates to compare data, determine best practices and improve the overall quality of pediatric critical care. Users may choose to collect data beyond the minimum data elements to create a robust dataset unique to the population of patients they serve.

Custom Clinical Dashboard

- Customizable for each NICU’s individual needs
- On-demand ad hoc reporting with customizable analytics
- Utilizes dynamic graphing capability

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