

**Astarte Medical Launches Clinical Intelligence Platform at
Carilion Children’s Hospital to Improve NICU Outcomes**

*Partnership will support care team decision-making and nutritional guidance
for preterm infants at the 60-bed facility*

YARDLEY, PA (July 18, 2023) - [Astarte Medical](#), a leading clinical intelligence company for neonatal intensive care unit (NICU) and pediatrics care settings, has announced a partnership with Roanoke, VA-based [Carilion Children’s Hospital](#) to coordinate care within its NICU, supporting preterm babies and infants with acute medical conditions.

As part of the implementation, Astarte Medical’s [NICUtrition](#) platform will incorporate nine years of patient data to provide a longitudinal assessment of feeding protocol effectiveness, patient risk factors, and historical care patterns that positively impact patient outcomes. NICUtrition is a data analytics tool that supports decision-making by providing neonatologists and clinical care teams with real-time nutrition and growth-specific data, measuring important metrics like nutritional status and a baby’s growth rate.

“Carilion Children’s provides state-of-the-art care to improve survival and long-term outcomes for preterm and other infants,” said Astarte Medical Chief Executive Officer Tracy Warren. “NICUtrition will unlock meaningful insights about feeding and nutrition practices to improve the continuity of care. As an industry leader in assessing malnutrition in preterm infants, the Carilion NICU team can leverage our platform to analyze trends and develop evidence-based care models.”

With more than 800 admissions yearly for 60 beds, Carilion Children’s NICU typically operates at or close to its capacity. Clinical staff monitor key growth milestones – often by the hour – to determine when babies are healthy enough for feeding or even to be discharged from their stay. A centralized workflow has been integral to tracking progress and managing resources across the fast-paced department.

“NICUtrition analyzes patient feeding practices and outcomes in a streamlined manner that eliminates time-consuming, cumbersome information collection by hand,” said Dena Goldberg, Ph.D., R.D.N., a Carilion Children’s dietician who prepared spreadsheets and then analyzed the data with the help of Carilion statisticians. “We eagerly await learning what the platform reveals about how feedings have changed and impacted infant growth and nutrition.”



In addition to providing the NICUtrition platform, Astarte Medical's expert advisors will offer ongoing consultations. The partnership will be collaborative, supporting Carilion clinicians with data insights that increase efficiency and decrease clinical burden and costs. Astarte Medical is HIPAA-compliant and follows the industry's most stringent data security guidelines.

About Astarte Medical

Astarte Medical is a clinical intelligence company providing digital solutions to support nutrition and feeding practices and protocol-driven care across pediatric populations. Its first product, NICUtrition® improves growth and clinical outcomes for preterm infants and impacts critical performance metrics for hospitals. Visit astartemedical.com and NICUtrition.com for more information.

About Carilion Children's Hospital

Carilion Children's is the largest team of pediatric experts in southwest Virginia, with 350 healthcare professionals offering general pediatrics care, more than 24 specialties and innovative research to improve the health of the children and families we serve. Carilion Children's Hospital is the region's only hospital dedicated to pediatric care, with a Level 1 Pediatric Trauma Center and 60-bed neonatal intensive care unit (NICU) in Carilion Roanoke Memorial Hospital. Outpatient practices are centrally located at Carilion Children's – Tanglewood Center in Roanoke. Learn more at CarilionClinic.org/kids, and follow us on [Facebook](https://www.facebook.com/CarilionChildrens).