

FOR IMMEDIATE RELEASE

Memorial Health Participates in NICU Feeding Tube Clinical Study

Savannah, GA (April 28, 2026) – Memorial Health University Medical Center’s Level IV neonatal intensive care unit (NICU) is participating in an important clinical study. The study evaluates real-time placement guidance and continuous monitoring to improve safety and nutrition in neonatal and infant patients.

Gravitas Medical, Inc., a developer of advanced enteral feeding technologies, recently announced the initiation of a prospective, multicenter clinical study evaluating its next-generation (Gen 2) smart feeding tube system in neonatal and infant patients. The study is being conducted at leading institutions including Memorial Health University Medical Center, an HCA Healthcare facility in Savannah, Georgia, as well as Women & Infants Hospital of Rhode Island, and Boston Children’s Hospital.

The trial will evaluate the safety and effectiveness of the Gravitas Entarik Feeding Tube System, which provides real-time guidance during placement and continuous monitoring of tube position and gastric activity. The study aims to validate placement accuracy, reduce complications associated with feeding tube misplacement, and generate data to support improved nutrition management in vulnerable NICU populations.

Feeding tubes are placed blindly at the bedside today, with reported misplacement rates ranging from 4% to 59%, contributing to serious complications including lung placement, aspiration, and delayed feeding initiation. Gravitas’ technology is designed to address these risks by providing clinicians with real-time feedback on tube location and continuous monitoring throughout feeding.

“This study represents an important step toward improving both the safety and effectiveness of enteral feeding in neonates and infants,” said Saheel Sutaria, CEO of Gravitas Medical. “Our goal is to provide clinicians with real-time, actionable data that reduces risk and enables more personalized nutrition.”

The study is a prospective, multicenter trial enrolling up to 100 patients. In addition to validating placement accuracy, the study will assess clinical endpoints including time to feeding initiation, number of confirmatory X-rays, tube dislodgement detection, and measures of feeding tolerance.

Beyond placement, the Gravitas system continuously captures impedance and temperature data to provide insights into gastric activity, reflux, and feeding readiness—capabilities that may help clinicians optimize nutrition delivery and detect feeding intolerance earlier.

“We already saw improvements in safety and nutrition with the Gen 1 system and are looking forward to using the Gen 2 system,” said Dr. Brad Buckler, medical director for Memorial Health’s Level IV NICU.

The Gravitas Feeding Tube System builds on prior clinical experience and is designed to integrate seamlessly into existing hospital workflows while enhancing standard-of-care verification methods.



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Memorial Health has provided quality healthcare services since 1955, giving patients access to highly trained physicians and advanced technology. Our 711-bed hospital is one of the region's leading acute care facilities, serving 35 counties in southeast Georgia and southern South Carolina. Located in Savannah, Georgia, we are a regional referral center for heart care, cancer care, trauma care, children's care, high-risk pregnancies and high-risk newborn care. Our hospital includes the region's only Level 1 trauma center, the Memorial Health Dwaine & Cynthia Willett Children's Hospital of Savannah, a primary and specialty care physician network, and Consult-A-Nurse®, our 24-hour call center. We also have a major medical education program that trains physicians in numerous specialties, and our campus is home to the Savannah Campus of Mercer University School of Medicine.

About Gravitas Medical

Gravitas Medical, Inc. is a Berkeley, California-based medical device company developing smart enteral feeding technologies that provide real-time guidance, continuous monitoring, and data-driven insights to improve patient safety and nutrition. The company's platform is designed to reduce complications associated with feeding tube placement and enable more personalized care in critical settings such as the NICU and ICU.

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