



NEWS RELEASE

Hanger Institute Develops Innovative Instrument used to Measure Infants with Sagittal Craniosynostosis

2025-02-26

AUSTIN, Texas, Feb. 26, 2025 – Hanger, Inc. today announced the findings from a recent study conducted by the [Hanger Institute for Clinical Research and Education](#), in partnership with Vanderbilt University Medical Center and the University of Utah. Published in Neurosurgical Focus, the article, "[Comprehensive craniometry for sagittal synostosis](#)," describes a set of novel metrics based on optical surface scanning technology for post-operative cranial remolding orthosis (CRO) treatment – resulting in a new standard used to measure infants with sagittal craniosynostosis.

Sagittal synostosis accounts for approximately 50% of craniosynostosis cases and results in skull deformity with distinctive characteristics. Despite its prevalence, previous outcomes measurements have been inadequate. The Institute's novel cranial indices aim to better quantify the variety of presentations observed in infants with the condition.

"Recognizing the inadequacy of existing measurements, the Hanger Institute collaborated with Vanderbilt University and the University of Utah to develop a new standard that we are proud to share with the greater O&P field," said Hanger Clinic Vice President of Clinical Affairs, Phil Stevens. "The reporting tool is something that our clinicians can immediately apply to their orthotic clinical practice, allowing them to deliver exceptional care and ultimately improve patient outcomes and satisfaction."

The study conceptualized novel indices for this patient group and refined those measurements using data taken from a retrospective evaluation of 25 infants who received post-operative CRO treatment for sagittal synostosis at Hanger Clinic in Nashville, TN. These new cranial indices have been integrated into Hanger Clinic's new



craniometrics reporting tool, allowing an unprecedented level of measuring and tracking cranial presentations and improvements.

For more information on the Hanger Institute and its latest studies, visit the Hanger Institute website:

<https://hangerclinic.com/for-professionals/hanger-institute/clinical-research/published-research/>.

About Hanger, Inc. – Headquartered in Austin, Texas, Hanger, Inc. is a leading provider of orthotic and prosthetic (O&P) patient care services and products. The company operates as an ecosystem of diversified companies delivering complementary solutions to individuals and providers with O&P needs, and is organized in two business segments – Patient Care and Products & Services. Through its Patient Care segment, Hanger provides comprehensive, outcomes-based O&P services to individuals of all ages at more than 925 [Hanger Clinic](#) locations nationwide. Through its Products & Services segment, Hanger serves the broader O&P community and skilled nursing facilities through designing and distributing branded and private label O&P devices, products and components, providing consulting services, and offering post-acute rehabilitative solutions. Rooted in clinical research, excellence, and innovation, Hanger is a purpose-driven company focused on empowering human potential. For more information, visit corporate.hanger.com.

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