

Surestep Launches New SMO3D to Support Children with Mobility Challenges

AUSTIN, Texas, January 26, 2026- [Surestep](#), a leader in pediatric orthotics, today announced the launch of its new SMO3D, a supramalleolar orthosis that builds on the company's 25 years of clinically-proven experience supporting children with hypotonia and other mobility challenges. Now re-imagined through modern 3D printing, the SMO3D is a lightweight and flexible next-generation design providing the support needed to improve balance and coordination without restricting movement. Purposefully engineered to meet the needs of patients and practitioners, the SMO3D brings proven Surestep principles into a new era of orthotic care.

The new SMO3D offers:

- **An Innovative 3D Printed Design:** Advanced 3D printing enables precise fabrication and functional design features, including auxetic structures that flex and expand around the malleoli for added comfort, variable wall thickness for targeted support, and durable color-dyed materials that maintain their vibrancy.
- **Comfort that Encourages Wear:** Lightweight, flexible materials and a perforated design offer breathability and freedom of movement. The low-profile silhouette and narrower heel post allow the SMO3D to fit into shoes more easily, supporting more consistent wear.
- **Clinically Trusted Results:** Rooted in the same compression-based approach used in the fabrication of nearly 2 million Surestep SMOs worldwide, the new SMO3D is designed to deliver results clinicians can rely on.

The SMO3D is the first 3D printed pediatric lower extremity orthosis offered by Surestep, expanding the company's use of 3D technology, which began with the [Sprout 3D CRO](#), to provide additional customized precision, lightweight comfort and quicker turnaround times when ordering.

“We’re thrilled to expand our comprehensive portfolio to include more 3D printed options with the introduction of the SMO3D,” said Surestep Vice President and General Manager Suzi Klimek. “This innovation strengthens our mission to support patients from head to toe—from infancy through adolescence—by meeting their full range of orthotic needs. We’re eager to partner with clinicians and families to show how the SMO3D can make a meaningful difference in the lives of children.”

With warranty-backed reliability, expert service, and quick, streamlined ordering and delivery, Surestep offers custom orthotic solutions that help children grow with confidence. Surestep’s innovative, high-quality devices support movement and

development—shaping a future where every child can thrive. To learn more about Surestep's expanded portfolio, visit <https://surestep.net/>.

Photos of the SMO3D can be found [HERE](#)

About Surestep – Headquartered in South Bend, Ind., Surestep is a leading manufacturer of pediatric orthotic devices designed to benefit children with mobility challenges, and is part of the [Hanger, Inc.](#) ecosystem of diversified companies. With uniquely flexible, proprietary plastic, Surestep fabricates orthoses designed to achieve dynamic stability, providing optimal fit, function, and comfort for patients. Surestep partners with a vast network of orthotic and prosthetic providers throughout the United States and in more than 30 countries to deliver bracing solutions. For more information about Surestep visit surestep.net.