

THE GOLD STANDARD IN CRANIAL SCANNING TECHNOLOGY SINCE 2001

Used by leading children's hospitals and cranial clinics throughout the world.

Orthomerica's Complete Solution for the Treatment of Head Shape Deformities



STARscanner® Scans are Safe, Accurate, and Fast

- FDA cleared for safety and accuracy
- The scan takes less than 2 seconds
- No post scan cleanup needed
- Supine scanning position ideal for sub-occipital definition

Detailed Cranial Analysis Reports

- Ideal for craniofacial clinics
- Comprehensive reports allows tracking of progress before, during, and after treatment
- Track 2D and volumetric measurement changes over time
- Multiple custom reporting options
- Compare up to 3 shapes on the same report
- Objective reports for claims submissions
- Used by leading surgeons in head shape clinics to scan a high volume of patients in a short amount of time
- Used to document surgical outcomes for craniosynostosis with pre- and post-operative scans
- Ideal for cranial research
- Many clinical articles published using STARscanner data*

Scans are used to Fabricate

- Custom STAR® Cranial Remolding Orthoses
- Custom protective helmets
- Fracture & burn masks

**For more information call 877-737-8444
or visit www.orthomerica.com**



Before STARband® treatment After STARband® treatment

Measurement	Before	After	% Change
Cranial Length (mm)	180.0	180.0	0.0%
Cranial Width (mm)	140.0	140.0	0.0%
Cranial Volume (cc)	1000.0	1000.0	0.0%
Cranial Area (mm²)	25200.0	25200.0	0.0%
Cranial Perimeter (mm)	560.0	560.0	0.0%
Cranial Surface Area (mm²)	10000.0	10000.0	0.0%
Cranial Volume (cc)	1000.0	1000.0	0.0%
Cranial Area (mm²)	25200.0	25200.0	0.0%
Cranial Perimeter (mm)	560.0	560.0	0.0%
Cranial Surface Area (mm²)	10000.0	10000.0	0.0%
Cranial Volume (cc)	1000.0	1000.0	0.0%

Cranial Comparison Report



6333 North Orange Blossom Trail • Orlando FL 32810 • USA



EMERGO EUROPE
Prinsessegracht 20
2514 AP The Hague
The Netherlands

*www.orthomerica.com/starband/research

STARscanner® Testimonial



Our institution offers both the endoscopic-assisted strip craniectomy and open treatments (such as fronto-orbital advancement) to patients with craniosynostosis. For the open operation, I control the postoperative

head shape outcome; however, in the endoscopic procedure the orthotist dictates the head shape outcome. A skillful orthotist and constant communication are required for success. The use of the STARscanner is vital in providing this visual communication for these infants, as many patients live far away. The STARscanner provides accurate measurements for the best possible fit of the orthotic helmet and allows for comparison scans which are crucial in tracking the patient's progress during treatment.

— Kamlesh B. Patel MD
Associate Professor
Washington University in Saint Louis
Plastic and Reconstructive Surgery



The information gained with the STARscanner provides a critical part by assisting in the diagnosis of the asymmetry and providing guidance in the evaluation of the treatment protocols, including both physical therapy and cranial

orthosis. It allows us to not only create and manage orthotic helmets when necessary, but also, to manage total patient care. It provides accurate, reproducible and understandable objective data for the family and the caregiver.

— Frank A. Vicari, M.D., FACS, FAAP
Pediatric-Plastic Surgery/Craniofacial Surgery
Advocate Children's Hospital
Chicago, IL



As a craniofacial surgeon who has treated hundreds of patients with head shape anomalies, including plagiocephaly and craniosynostosis, I can attest to the fact that use of the STARscanner is vital in providing treatment for these infants.

The STARscanner is fast and well-tolerated by the youngest pediatric population. It is non-invasive with no radiation exposure, it provides accurate measurements for the best possible fit of the orthotic helmet and allows for comparison scans which are crucial in tracking the patient's progress during treatment. Tracking changes in head shapes over time, as part of the evaluation, provides consistent criteria for determining when helmet treatment is indicated. In addition, the STARscanner provides more measurements to evaluate head shape than taking measurements by hand and is far more accurate. Without a doubt, the STARscanner is a revolutionary device in helping to provide the best available treatment for infants with craniofacial anomalies.

— G. E. Ghali, DDS, MD, FACS, FRCS(Ed)

