Digital Surface Imaging® (DSi®) Technology

DSi Quick Facts:

- Only technology developed specifically for plagiocephaly
- 5 patents for three dimensional image capture[1]
- FDA cleared in 2002
- Uses 10 high-resolution cameras
- Safe: Backed by independent safety analysis[2]
- Fast: Only takes 1/180th of a second
- Accurate: Clinical studies prove accuracy within 0.25 millimeter, 1/4 the width of a credit card
- Captures 360-degree image of an infant's head
- Exclusive to Cranial Technologies

Digital Surface Imaging®: The Foundation of Exceptional Results

Digital Surface Imaging (DSi®) is the basis for sucessful plagiocephaly treatment. By starting the process with a system that ensures exceptional results, you are partnering with a treatment provider you can trust.

These elements were the goal when Cranial Technologies began developing a new method for acquiring an infant's head shape. The new system provides the fastest, safest, and most accurate method for acquiring an infant's head shape. Nearly 10 years of research and development went into creating a system that met our high standards and is different from anything else in the industry.

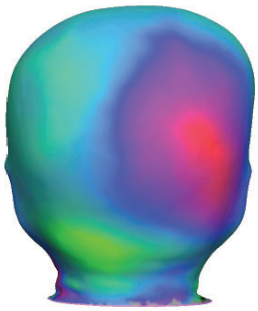
How Digital Surface Imaging (DSi) Works:

- 10 high-resolution cameras simultaneously capture an infant's head shape in a fraction of a second
- The image is then sent to Cranial Technologies' manufacturing center
- Image Processing Specialists evaluate the image and the infant's unique head shape
- The custom DOC Band® fabrication process begins
- Each DOC Band is completed in 7-10 business days
- Pediatrician receives patient DSi images for review

DSi Imaging Before Treatment

DSi Imaging After Treatment

Before / After 3D Shape Comparison



Color Change Map

The DOC Experience

When it comes to your patients, we understand you want the best care and happy families. As the plagiocephaly treatment leader, we provide the most comprehensive offering for plagiocephaly treatment.

References: 1. Patents: 7, 162,075; 7,245,743; 7,280,682; 8, 103,088; 8,217,993 2. Data on file, Cranial Technologies 3. Littlefield, TR, Kelly KM, Cherney JC, et al. Development of a New Three-Dimensional Cranial Imaging System J Craniofac Surg 2004; 15(1) 175-181

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