Digital Surface Imaging®
(DSi®) Technology

DSi Quick Facts:

• Only technology developed specifically for plagiocephaly
• 5 patents for three dimensional image capture¹
• FDA cleared in 2002
• Uses 15 high-resolution cameras
• Safe: Backed by independent safety analysis²
• Fast: Only takes 1/180th of a second
• Accurate: Clinical studies prove accuracy within 0.25 millimeter, ¼ the width of a credit card³
• Captures 360-degree image of an infant’s head
• Exclusive to the DOC Experience™
Digital Surface Imaging®: The Foundation of the DOC Experience™

Digital Surface Imaging (DSi®) is the basis for successful plagiocephaly treatment, which is the foundation of the DOC Experience. 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:

• 15 high-resolution cameras simultaneously capture an infant’s head shape in a fraction of a second
• The image is then sent to CranialTech’s manufacturing center
• Digital 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 days
• Pediatrician receives patient DSi images for review

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