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# Plagiocephaly News: Newly Published Study

THE JOURNAL OF  
CRANIOFACIAL SURGERY

“Treated Versus  
Untreated Positional  
Head Deformity”

JF. Wilbrand, et al. (J Craniofac Surg 2016;  
27: 13-18)

## OVERVIEW OF STUDY CONCLUSIONS

1. Plagiocephaly does  
not go away on its own.

*“no clear evidence of improvement...in untreated  
cranial deformity.”*

2. Cranial remolding  
helmets are effective.

*“clear improvement in nonsynostotic head  
deformity treated with an individual molding  
helmet.”*

## More about the study

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### STUDY DESIGN

- Longitudinal Cohort Study (5-6 years per child)
- Infants enrolled between January 2006 – December 2008
- Treated (n=40) Vs. Untreated Plagiocephaly (n=41)

### FINDINGS

	MEDIAN AGE (Entry)	MEDIAN AGE (Exit)	Δ MEAN CVA*
GROUP 1: Untreated	6.9 Months	5.9 Years	9.5 mm to 9.4 mm
GROUP 2: Helmet treated	7.1 Months	6.7 Years	17.4 mm to 3.9 mm

\*Cranial Vault Asymmetry



Founded in 1986, Cranial Technologies is the only company in the world solely dedicated to treating infants with plagiocephaly. It's our mission to provide the best possible treatment, experience and outcome for every family who seeks our care.

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