

We specialize in the assessment and treatment of Plagiocephaly and related head shape concerns. Our top priorities are **early recognition, family education, and prevention.**

Plagiocephaly

is the term generally used to describe 3 types of positional head shape asymmetries that persist past the age of 6 weeks.

The 3 Main Causes



Torticollis

Congenital torticollis occurs when a baby's neck muscles are shortened or weakened

Pregnancy

Overcrowding in utero, multiple fetuses, premature birth, or head manipulation during birth

Sleeping on Back

Prolonged external pressure to a baby's head from excessive time in strollers, swings, and carseats

Head Shape & How to Measure		Severity Scales*				
<p>CVAI: _____</p> <p>Plagiocephaly</p>	<p>Cranial Vault Asymmetry Index (CVAI)</p> $\frac{(A - B) \times 100}{A \text{ or } B}$ <p>(Whichever is greater)</p>	<p>Normal Range</p> <p>0 - 3.5%</p> <p>Within normal limits of asymmetry</p>	<p>Mild/Moderate</p> <p>3.5% - 6.25%</p> <p>Minimal asymmetry in one of the posterior quadrants. Secondary changes not present.</p>	<p>Severe</p> <p>6.25% +</p> <p>2X quadrant involvement. Forehead bulging opposite to posterior flattening. Ear shifting on the side of occipital flattening. Facial asymmetry. May be accompanied by torticollis.</p>		
		<p>CR: _____</p> <p>Brachycephaly</p>	<p>Cephalic Ratio (CR)</p> <p>(Width / Length) x 100</p>	<p>Under 90%</p> <p>Within normal limits of asymmetry</p>	<p>90% - 93%</p> <p>Minimal posterior flattening. Secondary changes not present.</p>	<p>Over 93%</p> <p>2X quadrant involvement. Posterior flattening only. Head is abnormally wide and tall. Tips of ears protrude. Face appears small relative to head size.</p>
				<p>CR: _____</p> <p>Scaphocephaly</p>	<p>Cephalic Ratio (CR)</p> <p>(Width / Length) x 100</p>	<p>75% - 80%</p> <p>Within normal limits of asymmetry</p>

*Children's Healthcare of Atlanta