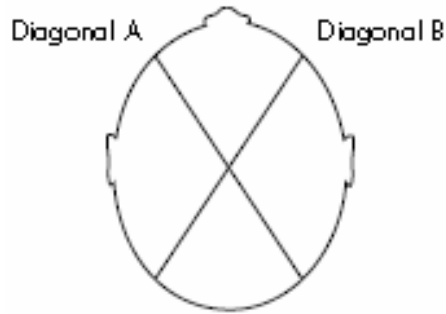


# CHOA Plagiocephaly Severity Scale



$$CVAI = \frac{|A-B| \times 100}{A \text{ or } B \text{ (whichever is greater)}}$$

Level	Clinical Presentation	Recommendation	CVAI
1 Normal	All symmetry with in normal limits	No treatment	< 3.5%
2 Mild	<ul style="list-style-type: none"> <li>Minimal asymmetry in one posterior quadrant</li> <li>No secondary changes</li> </ul>	<ul style="list-style-type: none"> <li>Repositioning program</li> <li>If 2 Month of repositioning has failed, cranial remolding orthosis at parent's request for cosmetic purposes</li> </ul>	3.5 % to 6.25%
3 Moderate	<ul style="list-style-type: none"> <li>Two quadrant involvement</li> <li>Moderate to severe posterior quadrant flattening</li> <li>Minimal ear shift and/or anterior involvement</li> </ul>	<ul style="list-style-type: none"> <li>Repositioning program or</li> <li>Cranial remolding orthosis-based on age and history</li> </ul>	6.25% to 8.75%
4 Severe	<ul style="list-style-type: none"> <li>Two or three quadrant involvement</li> <li>Severe posterior quadrant flattening</li> <li>Moderate ear shift</li> <li>Anterior involvement including noticeable orbit asymmetry</li> </ul>	Cranial remolding orthosis	8.75% to 11.0%
5 Very Severe	<ul style="list-style-type: none"> <li>Three or four quadrant involvement</li> <li>Severe posterior quadrant flattening</li> <li>Severe ear shift</li> <li>Anterior involvement including orbit and cheek asymmetry</li> </ul>	Cranial remolding orthosis	> 11.0%