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for better diagnosis
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Cranial growth disorders: Positional deformity and craniostenosis

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Abstract :

Deformities of the child's skull are a source of concern for families and of questions for practitioners. These shape anomalies can have extrinsic origins (positional plagiocephaly), without functional consequences, but can also result from ossification anomalies (craniostenosis) with potential cognitive repercussions in case of delay in management. Early diagnosis of these anomalies is therefore crucial and relies on a practical knowledge of craniofacial growth.

We propose here a simple review of the different conditions that can cause skull deformities in infants, as well as the current criteria to distinguish them, with an insight into the most recent methods based on three-dimensional morphometry and image analysis by artificial intelligence.