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## RELATIONSHIP BETWEEN PLAGIOCEPHALIS-TORTICOLIS AND POSTURAL CONTROL DISORDER – CASE REPORT

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### Abstract

**Introduction.** Untreated positional deformities of the skull, have important biomechanical and functional consequences, with repercussions on the child's psychomotor and postural development. These deformities are not limited to the aesthetic aspect, the craniofacial dysmorphism is only a visible part of the complex dysfunction that affects the cranio-cervical joint and the anatomical assembly of the skull. Plagiocephaly and torticollis are pathologies generally known for their aesthetic impact, but the impact on psychomotor and postural development on the child is still unknown.

**Material and method.** For the present case report we selected, systematized and implemented the techniques and methods within an individualized program for this patient pathology, and with the aim is combating the anomalies that appeared with repercussions on the organization and maturation of the postural system. The physiotherapeutic program used was adapted to the patient depending on the severity of craniofacial dysmorphisms, hypertension of the posterior muscle chains, postural compensations, musculoskeletal, occipito-cervical dysfunctions (asymmetry of the occipital condyles). The male patient was 3 months old and was diagnosed with left positional plagiocephaly / right torticollis, benefiting from individualized physiotherapeutic treatment for 7 months at the Kineto Dema Spine Center, Bucharest 3 times a week. The patient obtained a correction of approximately 85% with the help of physiotherapy and correction orthosis worn 23 / 24h.

**Conclusions.** The patient evolved positively during the 7 months of physiotherapeutic treatment, both aesthetic and motor, but it is necessary to continue physiotherapy until the cranial correction is obtained and the correct organization of the child's body scheme.

**Key words:** *physiotherapy, plagiocephaly, torticollis, correction orthosis.*