

**Integración Sensorial y el Abordaje de la Terapia Ocupacional en la Neuropediatría: Una Revisión de la Literatura**

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**Sensorial Integration and the Approach of the Occupational Therapy in the Neuropediatrics: A Review of Literature**

The sensorial integration is the capacity of the central nervous system (CNS) to organize the sensorial stimuli and to transform the sensations into perception so that the individual can interact with the environment. Having the information integrated, the impulses are directed to the appropriate centers of the CNS (visual, auditory, tactile, gustative and vestibular systems) which will produce necessary commands to the activities being coordinated. Recognizing the importance of the method of sensorial integration, this research had as its main goal to accomplish a review of literature to verify how the method of sensorial integration is put into practice regarding to the occupational therapy concerning children with neurological disorders. Only scientific articles that had approached integration sensorial, infantile neurology and occupational therapy between the years of 1999 to 2008 have been selected. A total of 28 articles have been found, but only seven out of these 28 have been selected. The results obtained indicated that, currently, there are few studies correlating the occupational therapy to the sensorial integration and infantile neurology, either in the international, but also and mainly in the national literature. In addition, the importance of the use of standardized evaluations of sensorial integration for the accompaniment and therapeutic intervention in children with sensorial disorders has been verified.