

Bibliographic identification

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Title of the master thesis: Motor skills exhibited by three year old children diagnosed with SGA.

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Abstract

This thesis is focused on the issue of children with a history of low birth for gestational age (SGA) in relation to motor problems. Its theoretical part summarizes the specifics of the development of these individuals and defines the problems of terminology and classification. It deals with the risks associated with early postnatal periods and long-term complications with metabolic and neurological impacts. The target of this study was to find out whether motor disorders are more common in children with a history of SGA (IUGR) than those of general population. The test group and the general population group underwent kinesiological examination by aspects and a battery of MABC-2 tests. This hypothesis has not been proven. In addition, the thesis aimed to evaluate the possible link between the motor manifestation at the early age and the age of two and three years. Final data from kinesiological examination, case history data, BSID II test results, and MABC- 2 battery tests were used for this purpose. Statistical significance was found in 10 hypothesis, out of 196. Thesis has proved that a CTD and CCD in early development correlates with some aspects of psychomotor development at the age of 2 and 3. Low birth weight and prematurity have impact on balance of three years old kids. We have found relationship between abnormal primitive reflexes and motor and mental index of BSID II. When the BSID II and MABC-2 was compared we found relation between manual dexterity and mental development.

Keywords

hypotrophy, intrauterine growth retardation, motor development, small for gestational

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