

ABSTRACT

TITLE: New possibilities and approaches in diagnosis and treatment of stuttering

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The main role of the dissertation is to create integrative model within the diagnosis and treatment of stuttering in combination with classical behavioral approaches and methods of influencing immature neuro-motor system using INPP method /Institute of Neurophysiological Psychology/ and method JIAS /Johanssen Individual Aural Stimulation/. The work was based on the latest knowledge of foreign literature of the neurogenic etiology of stuttering, the functioning of the human brain within disfluency speech and neuro-motor system and its effect on speech flow.

The theme of research in the empirical part is the analysis of the impact of classical behavioral approaches and approaches through integrative model of stuttering. The results of the initial examination were compared with two evaluations (during application of therapeutic programs and post-treatment of both therapeutic programs) of four stutterers with fixed stuttering and immature neuro-motor system. We followed the changes in all three areas of stuttering symptoms: in dysfluency, excessive effort and mental tension. The results confirmed the positive impact of integrative therapy program, which has also applied methodology INPP and JIAS, which stimulate the neuro-motor immaturity and auditory processing.

The work is beneficial for special-needs education and speech-language therapy theory and practice in the area of the newest trends and knowledge, diagnosis and treatment of stuttering.