

Language behavior and auditory perception of people with autism

Summary

The work is devoted to two aspects of language behavior: auditory processing and its role in shaping language, and the coherence of statements built by people with autistic spectrum disorder (ASD) as a response to a question.

The first chapter is a presentation of research on autism, an explanation of the term ASD (Autism Spectrum Disorders), which is currently used in the diagnostic context, a presentation of the classification and characteristics of the main disturbed spheres of functioning of people with the autism spectrum, taking into account the fact that autism is a neurodevelopmental disorder that affects the development, and the development of the individual affects the presented picture of ASD disorders, causing very diverse pictures of this disorder.

The second chapter presents issues related to the application of the theory of interaction in speech therapy, the role of questions in the course of diagnosis and therapy of cognitive processes and language, as well as arrangements for the dialogue - its structure, consistency of exchanges.

The third chapter is a presentation of selected issues concerning auditory perception. The auditory pathway is described, with a thorough discussion of the auditory processing process at the central level. This chapter discusses auditory functions and the consequences of their abnormal development in ontogenesis. In addition, the role of listening for the development of language and communication competences was emphasized, and in the case of noticeable problems in this area, working methods and forms of therapy were specified in case of hearing disorders.

The fourth chapter is a description of the methodological foundations of my own research. At this point, the main goals of the work and research hypotheses were formulated. The criteria for the selection of children and adults for examinations are described, and the tools that make up the course of assessing hearing and language skills are listed. For this

purpose, appropriate speech therapy and audiological techniques were used, which were discussed.

The work confirms the research hypotheses. People with ASD show disorders in the field of auditory-linguistic processing, which leads to difficulties in closing a specific "communication loop", i.e. answering questions, comments of others. Auditory processing of information is an indispensable element of cognitive processes. Perceptual dysfunctions will always lead to distorted discourse. The same questions in themselves they are a way of obtaining information about the world and the phenomena taking place in it, they are a way to mental development. The question is a tool for shaping the mind, improving language knowledge, they are one of the main forms of thinking. A child with autism spectrum disorder is deprived of such training. The conducted research showed a literal understanding of symbolic and metaphorical content as well as statements that require taking the required attitudes and actions defined by conventions. The difficulty is the perception and understanding of the interlocutor's intentions on the level of distinguishing individual speech acts. The problem with reception, and thus with understanding, also applies to the suprasegmental layer. Deficits in the communicative competence of people with ASD affect the shape of exchanges, the implementation of the communicative function of statements.

The collected data can be used to create a picture of language behavior in people with autistic spectrum disorders, and can also be used to deepen the knowledge about the phenomenon of auditory determinants of communication behavior in autism in connection with the problems of APD. The presented research problems can be an inspiration in the development of methods of speech therapy for people with ASD, so that these people can meet the challenges of social life, to the best of their abilities. In addition, the text is provided with a summary, a list of charts, tables and figures included in the dissertation.

This work is an introduction to expanding research in this area. This will allow for a better understanding of the problems presented in the dissertation, and as a consequence may result in the creation of effective, holistic methods of therapy. This requires an interdisciplinary approach.

Abienuwe Ubeu - Defetok

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