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## BIOPSYCHOLOGICAL FEATURES ANALYSIS FOR MUSIC ENTRAINMENT

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Additional auditory stimulation can be made an element in the therapy of human motor system disorders. However, an essential issue in selecting musical material in therapy is to consider the patient's biomarkers and the nature of the expected results achieved by biocybernetic feedback. The effectiveness of auditory stimulation can depend on subjective and objective perceptions of the sound characteristics of music. This phenomenon applies to both metrorhythmic sound and melodic-harmonic background. Developing a piece with appropriate therapeutic qualities requires, among other things, a thorough knowledge of the patient's behavioral profile. This may include personality type, temperament, or even the influence of society on individual choices. As people constantly change throughout life, their musical tastes may also vary.

The presented work discusses the essence of selecting musical material in therapy. Attention is paid to the necessity of objectification of the process of music programming in the context of effectiveness and positive influence on the effects of therapy. The emotional arousal resulting from the impact on the patient of a stimulus in the form of sound-activating associative processes is also submitted for consideration. The literature on the subject indicates that the reception of musical material varies depending on several factors. Among them are the current psycho-emotional state, the degree of familiarity with the piece, memories associated with the musical material under analysis, and even the time of day. The direction of the search for the characteristics of songs compatible with the patient's preferences is thus an extremely complex issue. The article also proposes methods for determining the profile of the patient aspect of collecting information on experiences and activities related to musicality (including in childhood), as well as psychological assessment of temperament and emotionality.