During analytical search and the materials analysis on a problem of research it is shown, that significant for the theory and practice of sports activity development, methodology, studying and diagnostics on conditions, revealing individual psychological features of the sportsman promoting stability to development adverse conditions. The scientific and methodical substantiation of managerial process for psychophysiological conditions of the sportsman should be based on methodological toolkit to concept about functional system of knowledge, interrelation considered conditions with specific features. Specificity of training and competitive activity is characterized by the increased mental pressure and stress, and also arising at the sportsman prestarting, training conditions and «sports form», as a steady optimum functional condition. Productivity of technique and tactical actions in modern sports are defined by specific features of coordination structure in maintenance of movements and accuracy of impellent actions. Studying of psychophysiological conditions at performance difficult-coordination and accuracy movements is impossible without scientifically proved model of management. The algorithm of computer diagnostics construction for psychophysiological conditions and components of qualified sportsmen readiness includes integrated express methods of an personal characteristics estimation, molecular-genetic parameters, balance parameters, psychological conditions, motor and mental parameters of speed and coordinating movements, CNS condition on parameters of biological activity. Results of trainers and experts questioning have allowed allocating the most significant factors influencing on stress stability during competitions, and also methods of coordination abilities. Results of carried out complex research on the basis of the developed algorithm of computer diagnostics of 98 qualified sportsmen specializing in nine researched kinds of sports, have allowed to generate a database of the received parameters and to make the individual and group conclusions about features in psychophysiological conditions, motor and mental maintenance difficultly coordination and accuracy movements of the qualified sportsmen.

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