ABSTRACT

Nowadays, an intelligence is a widely applied concept. The authors´ opinions on its possible unification with or strict separation from the specific cognitive functions vary throughout different fields of psychology. Simultaneously, schizophrenia is a mental disorder, which is often connected to a cognitive deficit. Its assessment is usually realized on an estimation of the intelligence level.

The aim was to explore how the estimation of intelligence corresponds with a cognitive profile of a patient with schizophrenia. This purpose is firstly being attained by a description of various views and theoretical objects, for instance core characteristics of a schizophrenia, a description of intelligence and selected cognitive functions.

The empirical part is focused on an exploration of the relationship between a cognitive profile and the estimation of actual and premorbid intelligence of a patient with schizophrenia. A total of 120 persons with a diagnose F20 were included in this study. A cognitive profile was assessed with the usage of MATRICS battery and the intelligence levels were evaluated by selected WASI tests and Czech reading test (CRT).

Results indicates that despite the level of premorbid and actual intelligence level was identified within the normal range, respondents evinced a cognitive deficit. Simultaneously, a level of premorbid intelligence was significantly higher than actual IQ. A regress model provides a depiction of a significant association between a cognitive performance and two clinical characteristics of a research group, namely psychosocial performance and negative symptomatology. This tendency was not revealed in case of intelligence estimation.

A conclusion which emerged from our data analysis could be a support of a distinction between the intelligence and cognitive performance, in favor of the cognitive assessment of patients with a schizophrenia disorder within a clinical assessment.

Key words: schizophrenia, cognitive functions, intelligence, MCCB (MATRICS Consensus Cognitive Battery), WASI, CRT