

Comprehensive assessment of the condition of individuals who have attempted suicide

Tatayeva Roza Kabdygaliyeva*, G. Bashinskaya, A. Tussupova, S. Serkali, and G. Medetova

L.N. Gumilyov Eurasian National University, Kazakhstan

This study presents the results of data from 135 patients aged 18-70 years who attempted suicide and were hospitalized in the toxicology department of the Multidisciplinary City Hospital of Karaganda city during the period from June 2023 to April 2024. The roles of risk factors, such as social status, gender, level of education, marital status, and clinical and psychological aspects, were assessed. Women made up 64%, men – 36%. A comprehensive analysis of the motives underlying suicide attempts was carried out. In 31% of cases, the cause is family disharmony; the second is a spectrum of emotional and psychological disorders (26%), and in 15% of patients, social problems. Intentional self-poisoning occurred in 39% (T39) with non-opioid analgesics, antipyretic and antirheumatics according to ICD-10. 19% of patients used antiepileptic, sedative-hypnotic and antiparkinsonism drugs. (T42). In 14% of cases, poisoning was caused by other psychotropic drugs, not elsewhere classified (T43), the toxic effect of caustic acids and acid-like substances (T54.2) was found in 10%, in other cases they were used in descending order T46, T50, T45.4, T38. 3, T37.5, T60.2, T62.0. According to the leading psychopathological disorder, the following groups were identified: F43.2 – Adjustment disorders in 69% of cases, F10 - Mental and behavioral disorders due to use of alcohol - 15%, Z04.8 - Examination and observation for other specified reasons - 6%. F32.2 - Major Depressive Disorder, Single Episode, Severe without Psychotic Features - 3%, F20.0 - Paranoid schizophrenia; F21 - Schizotypal disorder - 2% and other disorders. The proposed approach with the clinical characteristics of attempts can be used to increase the efficiency of work with suicidal populations at the stages of diagnosis, correctional and preventive work.

Biography

Tatayeva Roza Kabdygaliyeva has experience in the field of studying suicidal behavior. She was the scientific director of the grant project of the Ministry of Education of the Republic of Kazakhstan "Study of suicidal risk factors among youth of the Republic of Kazakhstan and development of a program for suicide prevention for young people" in 2018-2020. Currently, under her scientific leadership, the Targeted Funding Program of the Ministry of Science and Higher Education of the Republic of Kazakhstan BR 18574196 "Study of genetic mechanisms in the formation of suicidal behavior to develop a strategy for predicting and preventing suicide" is being implemented. For the first time, genetic, epigenetic, neurotransmitter, and mental factors in the formation of suicidal behavior among the Kazakh population are being studied.