

Introduction: Suicide is a challenging problem for a global public health and Latvia remains in the list of European countries with the highest rates of suicide deaths. Information about the epidemiology of suicidal behavior is required for suicide prevention strategy development.

Objectives: To determine the prevalence of suicidal behavior (suicidal ideation, plan, and attempts) and associated factors in Latvian general population.

Methods: Computer assisted face-to-face interviews were carried out between November 2019 and March 2020 to gather information on a representative sample of the Latvian adult population (n=2687). The study sample was selected using a stratified random sampling method. The Mini-International Neuropsychiatric Interview (MINI; version 7.0.2) was used to assess suicidality. Multinomial logistic regression was applied.

Results: There were 1238 males (46.1%) and 1449 females (53.9%) recruited. Mean age of respondents was 49.9 (SD 18.2). According to the MINI, 10.6% (n=285) of respondents reported at least some level of suicidal behaviour during the last month before interview and 7.1% (n=191) had shown current suicidal behaviour at the moment of interview, 4.0% (n=108) of respondents reported about previous suicide attempts. Non-cohabitation status, unfinished primary education and economical inactivity were statistically significant associated factors for suicidal behaviour among men, but only lower level of education was for women.

Conclusions: Comprehensive national suicide prevention strategy is required for reducing suicidality in Latvia. Special attention should be paid to women with lower education, and economically inactive, unmarried or non-cohabitant men, as well as man with unfinished primary education.

Keywords: suicidal behaviours; General population; prevalence

EPP1428a

Italian validation of the ACSS-FAD in a sample of university students

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Introduction: Suicide is one of the most relevant cause of death especially in young populations. The Interpersonal Theory of Suicide (Joiner, 2005) is an important contribution tends to explain variability in suicidal behavior, particularly the difference between suicidal ideation and suicide attempt.

Objectives: This study aimed at the Italian validation of the Acquired Capability for Suicide Scale – Fearlessness About Death (ACSS-FAD), assessing fearlessness about death, one of the facets of the acquired capability (AC) to commit suicide as postulated by the Interpersonal Theory of Suicide by Thomas Joiner.

Methods: This cross-sectional research was conducted on a sample of university students (n = 458) assessed with a battery including ACSS-FAD. The sample was evaluated for the presence of suicidal ideation and suicide risk. Factor structure, internal consistency and convergent/divergent validity of the scale were assessed.

Results: One-factor structure with good internal consistency (Cronbach's α : 0.84) was derived. ACSS-FAD correlated with suicidal ideation and suicidal risk, and there was a tendency towards significance considering its capacity to discriminate between those who had a history of suicide attempts and those who did not. 4.1% of the sample attempted suicide at least one time. The tool showed good convergent/discriminant validity results, but the relationship between ACSS-FAD and pain needs further investigations.

Conclusions: ACSS-FAD seems to be a useful and valid measure of fearlessness about death especially in young adults, which could be really important to enhance suicide risk assessment.

Conflict of interest: No significant relationships.

EPP1430

Standardized training in the rating of the six-item positive and negative syndrome scale (PANSS-6)

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Introduction: The six-item Positive And Negative Syndrome Scale (PANSS-6) is short psychometric valid scale quantifying the severity of core schizophrenia symptoms. Using PANSS-6 to guide treatment decision-making requires that staff members' ratings are valid and reliable.

Objectives: The objective of the study was to evaluate whether such valid and reliable PANSS-6 ratings can be obtained through a video-based training program.

Methods: One-hundred-and-four staff members from Aarhus University Hospital - Psychiatry, Denmark participated in the training. Participants conducted baseline PANSS-6 ratings based on a video of a patient being interviewed using the Simplified Positive And Negative Symptoms interview (SNAPSI). Subsequently, a theoretical introduction video was displayed followed by five SNAPSI patient interviews. After each SNAPSI video, individual ratings were performed before a video providing the gold standard scores was displayed. The validity of ratings was estimated by calculating the proportion of participants not deviating from the gold standard scores with >2 points on individual items or >6 points on the PANSS-6 total score. Reliability was evaluated after each step in the training by means of Gwet's Agreement Coefficient (Gwet).