

support. The following study is among the first to address these barriers using a remotely delivered, one-on-one caregiver intervention. Caregivers ( $n=93$ ) of patients with severe and enduring mental health difficulties took part in a tailored psychoeducation and skills training intervention, consisting of weekly 40 minute videoconference or telephone sessions with a trained clinician. Caregivers completed the Involvement Evaluation Questionnaire (IEQ) and General Health Questionnaire (GHQ-12) at baseline, and eight sessions (mid treatment). It was hypothesized that caregivers would show a reduction of distress and burden in response to the intervention. Interim comparison of pre- versus 8th session measures demonstrated a highly significant reduction in GHQ scores ( $P<0.001$ ), as well as a highly significant reduction in IEQ scores ( $P<0.001$ ). Results suggest that remotely provided, one-on-one, tailored psycho-education and skills training may be an effective and accessible intervention to improve the well-being of, and decrease burden in, caregivers of mental health patients.

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## EW638

### Evaluation of suicide risk in psychiatric patients after discharge. A follow-up study

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#### Résumé

**Introduction** Several studies show that the first period after discharge has an higher suicide risk.

**Objectives** Following up psychiatric inpatients after discharge may be important in order to better understand the risk and the protective factors of suicide.

**Aim** The aim of our follow-up study is to evaluate the predictive factors of suicide in a sample of psychiatric inpatients after discharge.

**Methods** We analyzed the temperament and the levels of hopelessness, depression, suicide risk in a sample of 87 (54% males) inpatients at time T0 (during the hospitalization), T1 (12 months after discharge) and T2 (8 months after T1). We administered the following scales: BHS, MINI, TEMPS, GMDS, CGI.

**Results** A statistically significant difference on the risk of suicide with substance abuse was found among patients who were followed up and who refused to participate, respectively at T1 ( $\chi^2_4=2.61$ ;  $P<0.05$ ) and T2 ( $\chi^2_4=1.57$ ;  $P=0.05$ ). At T1, 4 patients attempted suicide and 18 showed suicidal ideation. In the second follow-up, 1 patient successful committed suicide, 1 subject attempted suicide and 10 patients showed suicidal ideation. Patients with suicidal ideation at T1 showed higher levels of hopelessness and a diagnosis of bipolar disorder type I ( $\chi^2_4=10.28$ ;  $P=0.05$ ). Sixty-seven percent of subjects with suicidal ideation showed higher scores in the BHS at T1. Significant differences were found on the anxious temperament at T2 between two groups.

**Conclusions** The follow-up could represent a significant strategy to prevent suicide in psychiatric patients.

**Disclosure of interest** The authors have not supplied their declaration of competing interest.

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### Tendency to stigmatization of mentally ill people by university students in the Czech Republic

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**Introduction** Mental illness is still surrounded by false myths, stereotypes and prejudices. Stigmatization is a social problem on a national and international level and may lead to discrimination.

**Objectives** Stigmatization has a negative impact on patient's life, treatment seeking, self-image, adherence and mental health recovery.

**Aims** The aim of the study was to examine the tendency to stigmatization of mentally ill people by university students in the Czech Republic.

**Methods** The constructed questionnaire called Tendency to stigmatization TTS (Cronbach's  $\alpha=0.952$ ), demographic questionnaire and tentative shortened version of personality questionnaire NEO-PI-R were administered on Facebook offered to student groups.

**Results** The statistical analysis of data from 1350 students showed a relatively high tendency to stigmatization depending on age (stigma is lower with age), gender (women have a lower TTS than men), studied university, faculty, educational focus. The lowest rate of stigmatization had students of psychology. Students of economics, management, informatics and engineering disciplines stigmatize in a high degree. Social oriented students had the lowest TTS, technically orientated the highest. The TTS also depends on personal agreeableness (low-friendly students had a higher TTS) and neuroticism (mentally unstable students had slight TTS). Lower TTS had students who attended psychopathological/psychiatric subject at school, also students, who personally met or know somebody with mental disease and students with mental health problems (Table 1).

Table 1 Description of the sample, demographic data.

Table 1: Description of the sample, demographic data

VARIABLE	MEAN AND STANDARD DEVIATION
Age	22 ± 3.79
Gender (M: F)	329 : 1021
Nationality	
Czech	1193 (88.4%)
Slovak	139 (10.3%)
Other	17 (1.3%)
Academic orientation:	
Arts focus	739 (54.7 %)
Science focus	375 (27.8 %)
Technical focus	178 (13.2 %)
Other	58 (4.4 %)
Field of study	
scientists and chemists	233 (17.3%)
teachers	166 (12.4%)
economists and managers	131 (9.7%)
sociologists, social workers, journalists	131 (9.7%)
medical students and health professionals	125 (9.3%)
linguists	104 (7.8%)
lawyers	99 (7.3%)
psychologists	110 (8.1%)
archaeologists, historians, philosophers, religionists and artists	84 (6.5%)
engineers and builders	78 (5.8%)
Marital Status:	
single	951 (70.4 %)
with partner	339 (25.1 %)
married	51 (3.8 %)
divorced with partner	3 (0.2 %)
divorced without partner	4 (0.3%)
Subject of psychopathology or psychiatry YES/NO	301 / 1049
Knowledge mentally ill nearby YES/NO	830 / 520
Personal contact with mentally ill YES/NO	987 / 363
Treatments for mental problems	239 / 1091