

**Conclusions:** The results underscore the connection between childhood stress experiences and substance consumption among university students. Emotional and sexual abuse in childhood are linked to higher alcohol consumption and, in some cases, specific drugs like cocaine and psychopharmaceuticals. These findings emphasize the importance of considering traumatic experiences when addressing prevention and treatment strategies for substance consumption among young student populations.

**Disclosure of Interest:** None Declared

## EPP0352

### Assessment of addictive behaviors in patients with schizophrenia

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doi: 10.1192/j.eurpsy.2024.523

**Introduction:** Schizophrenia, a chronic and complex psychiatric pathology, can be isolated. However, it can be associated with other comorbidities and thus be accompanied by addictive behaviors that complicate their management.

**Objectives:** The objectives of our study were to estimate the prevalence and identify the characteristics of addictive behaviors in patients with schizophrenia.

**Methods:** A retrospective study of 151 patients with schizophrenia hospitalized in the psychiatry department of Taher Sfar University Hospital in Mahdia from January 2017 to December 2021.

**Results:** The mean age of the patients was  $39.8 \pm 11.23$  years, with a predominance of the 36-45 age group (38.4%). All patients were male. Three quarters of the patients (75.5%) were users of psychoactive substances (PAS); nearly three quarters (72.8%) were addicted to tobacco, more than one third (39.7%) were addicted to alcohol, more than one quarter (29.1%) were addicted to cannabis and nearly one quarter (26.5%) were addicted to other PAS. In more than half of the cases (54.4%), the age of onset of substance use was between 16 and 25 years. The use of PAS preceded the onset of schizophrenia in 62.3% of cases. The relationship with the entourage was marked by hetero-aggressiveness in 77.5% of patients, withdrawal from the entourage in 16.6% of patients and conflict in 5.3% of patients. The impact on the relationship with oneself was marked by self-aggressiveness in 18.5% of patients. Concerning the professional impact, three quarters of the patients (76.1%) had to stop working. The majority of patients (84.1%) continued their usual treatment, while 15.2% of patients stopped it. Only one patient required an increase in dose.

**Conclusions:** Subjects suffering from schizophrenia are particularly vulnerable to addictions, mainly to tobacco and alcohol. They are thus a group more at risk of the deleterious effects of psychoactive substances and of the aggravation of the clinical and psychosocial evolution of their psychiatric disorders. Measures for early detection and treatment of their addictive behaviors even before the onset of schizophrenia should be proposed.

**Disclosure of Interest:** None Declared

## EPP0353

### Repetitive transcranial magnetic stimulation (rTMS) is associated with increased abstinence in substance use disorders and comorbid depression

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doi: 10.1192/j.eurpsy.2024.524

**Introduction:** Substance use disorders (SUDs) are associated with high rates of comorbid depression. Finding effective treatments for many of the substances of abuse is still an area of developing research. Repetitive transcranial magnetic stimulation (rTMS) is an established treatment for depression, but its effects in SUDs are less conclusive.

**Objectives:** Therefore, we aimed to investigate the effect of rTMS in patients with SUDs and comorbid major depressive disorder (MDD).

**Methods:** We conducted a retrospective observational study of 55 patients with SUDs and comorbid MDD who were eligible for rTMS. Craving was measured using the Brief Substance Craving Scale (BSCS). Severity of MDD was measured using the Clinical Global Impression-Severity (CGI-S) scale.

**Results:** We found a statistically significant difference between baseline and posttreatment scores in patients receiving rTMS on both CGI-S scores and BSCS scores. The number of rTMS sessions significantly predicted increased days of abstinence in the community, even after controlling for confounders.

**Conclusions:** Patients with SUDs and MDD who received rTMS significantly improved in the areas of severity of depression and craving. The number of rTMS sessions significantly predicted increased abstinence.

**Disclosure of Interest:** None Declared

## EPP0355

### Prevalence and correlates of psychoactive substance use in domestic and foreign university students

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doi: 10.1192/j.eurpsy.2024.525

**Introduction:** Use of psychoactive substances is a risk factor for mental health. Studying the peculiarities of using psychoactive substances by university students is extremely important for organizing preventive health care

**Objectives:** To specify the frequency of smoking and alcohol drinking, as well as the peculiarities of the correlational interconnections, in domestic and foreign university students

**Methods:** The survey covered 546 undergraduate domestic and foreign university students of both genders and different religious backgrounds. As a tool, we used the Sociocultural Health Questionnaire (E. Nikolaev)

**Results:** It has been revealed that domestic students smoke cigarettes and hookahs surely more often ( $p=.01$ ) than foreign students