

**Disclosure:** No significant relationships.

**Keywords:** Electronic Nicotine Delivery Systems; adolescent

## EPV0679

### Adolescents' attitudes towards e-cigarette in Tunisia

R. Maalej<sup>1</sup>, Y. Zgueb<sup>2\*</sup>, A. Aissa<sup>1</sup>, U. Ouali<sup>2</sup> and F. Nacef<sup>2</sup>

<sup>1</sup>Psychiatry A, Razi Hospital, Manouba, Tunisia and <sup>2</sup>Psychiatry A Department, Razi Hospital, Manouba, Tunisia

\*Corresponding author.

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**Introduction:** E-cigarette use has increased over the last years. Many studies have examined teenagers' attitudes towards smoking, but did not examine adolescents' attitudes towards e-cigarettes.

**Objectives:** The aim of this study was to examine high school students' attitudes regarding e-cigarette safety, addictive properties and social norms and to compare e-cigarettes perceptions among e-cigarette users and non-users in Tunisia.

**Methods:** A survey was conducted with a sample of 234 students in Mohamed Ali high school in Sfax, a town in South of Tunisia, in February 2020. Socio-demographic data and questions about vaping and attitudes towards e-cigarettes were used to evaluate students' perceptions towards e-cigarettes.

**Results:** Among high school students aged 15 to 20, 58,8% have ever used e-cigarette, 38,3% had done so within the previous 30 days and 20,5 % were regular users of vapes. 53.8% of students believed that e-cigarettes are harmful. 78.4% of them thought they were less harmful than regular cigarettes and 50.5% thought they could be addictive, 45.4% of students believed e-cigarette smoking decreased anxiety and a third thought it made them sociable (33.3%) and confident (30.6%). Adolescents who used e-cigarettes had significantly more favorable e-cigarette attitudes than non-users: they believed they were less harmful than tobacco ( $p=0,019$ ), they were not addictive ( $p=0,005$ ), they decreased anxiety ( $p=0,001$ ) and they made the user sociable ( $p<0,001$ ) and confident ( $p=0,01$ ).

**Conclusions:** Our results suggest the need to provide teenagers with the correct information about e-cigarettes risks, and the balance risk-benefit of their use.

**Disclosure:** No significant relationships.

**Keywords:** adolescent; perception; Electronic Nicotine Delivery Systems

## EPV0680

### Predictors of smoking cessation treatment attrition in individuals with substance use disorders

G. Aonso-Diego\*, Á. García-Pérez, S. Weidberg and R. Secades-Villa

Department Of Psychology, University of Oviedo, Oviedo, Spain

\*Corresponding author.

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**Introduction:** Attrition rates in smoking cessation treatments are high, particularly in persons with substance use disorders. It is estimated that about 55% disengage prematurely at treatment, meaning that a large portion will not benefit from smoking

abstinence. So far, no previous studies have examined predictors of dropouts in a smoking cessation treatment with persons with SUD.

**Objectives:** The study was two-fold: 1) to analyze the percentage of early-, late-dropouts and completers, and 2) to examine sociodemographic, psychological, and substance-related predictors of dropouts.

**Methods:** A total of 86 participants (69.8% males;  $M_{age}=43.84$ ,  $SD=9.917$ ) were randomly assigned to two psychological smoking cessation treatment: cognitive-behavioral treatment (CBT) ( $n=51$ ) or CBT + contingency management (CM) ( $n=35$ ). Interventions were delivered during eight consecutive weeks

**Results:** Of the 86 participants who completed the baseline assessment, 21 did not start treatment, 17 dropped out of treatment during treatment, and the remaining 48 completed the treatment. Predictors of early-dropout were younger age ( $B=-.234$ ;  $p=.024$ ;  $OR=.792$ ) and lower number of days in SUD treatment ( $B=-.005$ ;  $p=.026$ ;  $OR=.995$ ). Patients' primary substance of use was associated with reduced early-dropouts; compared to cocaine users, alcohol ( $B=-1.827$ ;  $p=.043$ ;  $OR=.161$ ) and opioids ( $B=-3.408$ ;  $p=.018$ ;  $OR=.033$ ) related to improved attrition. Late dropout was directly related to higher number of tobacco use cessation attempts ( $B=.407$ ;  $p=.039$ ;  $OR=1.502$ ).

**Conclusions:** Incorporating strategies to improve attendance and completion rates in SUD populations should be a priority. Mobile reminders, offering online therapies, or CM to reinforce attendance to therapy may be considered.

**Disclosure:** No significant relationships.

**Keywords:** Substance Use Disorder; attrition; dropouts; smoking cessation

## EPV0681

### Sociodemographic and clinical characteristics of patients with long-term remission with buprenorphine / naloxone in opiate use disorder

Y. Kahya\* and A. Erdogan

Psychiatry, Akdeniz University Hospital, Antalya, Turkey

\*Corresponding author.

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**Introduction:** Buprenorphine/Naloxone (BP/NLX) is an effective drug combination used in long-term maintenance therapy in opiate use disorder (OUD). In some studies, abstinence over 180 days was defined as long-term remission (1).

**Objectives:** The aim of this study is to determine the sociodemographic and clinical characteristics of patients in long-term remission with BP/NLX.

**Methods:** In this study, 30 patients who were followed up with OUD at Akdeniz University Addiction Center and were in remission with BP/NLX for at least 180 days were evaluated retrospectively.

**Results:** Sociodemographic and clinical characteristics are summarized in table 1.

**Conclusions:** OUD is associated with lower quality of life and employment rate (2). In our study, the rate of working in a regular job is high. It can be concluded that prolonged remission improves functionality in patients. Although patients are in remission for a long time in terms of opiate use, 20% of patients continue to use cannabis and 10% continue to use cocaine. In a study, there was no difference in productivity and quality of life between BP users with and without