

Conclusions: Individuals who intentionally use fentanyl are more likely to report injection drug use and polysubstance use, including cocaine use, heroin use, and methamphetamine use. Among PWUD, individuals who intentionally use fentanyl have the most severe substance use patterns, the most precarious living situation, and the most extensive overdose history and higher proportion of ever having a mental health diagnosis.

Disclosure: No significant relationships.

Keywords: addiction; addictive disorder; psychosis; overdose

O0045

The moderating role of mental health on the association between gaming time and gaming disorder symptoms

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doi: 10.1192/j.eurpsy.2022.246

Introduction: Video games are among the most popular leisure time activities. While majority of gamers play in a healthy manner, a minority shows gaming disorder (GD) symptoms and experiences detrimental effects in their lives. Even though gaming time is moderately associated with gaming disorder symptoms, research suggests that it is not a reliable predictor by itself.

Objectives: The aim of the present study is to explore whether depression symptoms, self-esteem, attention-deficit/hyperactivity disorder (ADHD) and escapism (when gaming is motivated by the avoidance of everyday problems) moderate the association between gaming time and GD symptoms and whether this is different for boys and girls.

Methods: Data was collected from a representative sample of 5th grade students of public education institutions in Budapest. Sample selection was carried out by one-step sampling stratified for school type, district, and maintainer; the sampling unit was the class. Data from 2126 students were analyzed (49.3% male, mean age 10.7 years, SD=0.54).

Results: Depression symptoms moderated the association between gaming time and GD symptoms in both genders. For those with higher depression symptoms the aforementioned association was stronger. Furthermore, self-esteem had a moderator effect only among girls, while escapism motivation and ADHD only among boys. In these cases, the association between gaming time and GD symptoms was stronger among those with lower self-esteem, and higher ADHD and escapism scores.

Conclusions: Results suggest that gaming time is more strongly connected to GD symptoms in certain conditions, but its predictive value is limited even in those cases.

Disclosure: Funding statement: This study was supported by the Hungarian National Research, Development and Innovation Office (KKP126835). Orsolya Király was supported by the János Bolyai Research Scholarship of the Hungarian Academy of Sciences and by the ÚNKP-21-5

Keywords: Gaming Disorder; escapism; adhd; Depression

O0048

Sociodemographic characteristics and correlates of Delta-8 THC use in US adults

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doi: 10.1192/j.eurpsy.2022.247

Introduction: Recent reports suggest that Delta-8 THC use has surged during the past year. Although Delta-8 THC is believed to have relatively low psychoactive potency, its effects are not well characterized and the associated individual and public health risks are unknown.

Objectives: Identify patterns of Delta-8 THC use among US adult cannabis users and examine associations with sociodemographic characteristics and cannabis use-related variables.

Methods: We surveyed 4,349 US adult cannabis users recruited via online advertisements. We calculated frequencies of sociodemographic characteristics in past 30-day Delta-8 THC users. Odds ratios were used to indicate associations between sociodemographic characteristics and past 30-day Delta-8 THC use.

Results: Respondents aged 45–64 years were significantly more likely than other age groups to have used Delta-8 THC during the past 30 days (odds ratio=1.48, 95% CI 1.04, 2.11). Fifty-eight percent of the sample had heard of Delta-8 THC, 66.8% of which had first heard of it during the last year and 37.1% first heard of it via social media. The most common methods of consumption were vaping concentrates and edibles. We identified motivations for use of Delta-8 THC that potentially indicate a preference for legal options and/or a perception that Delta-8 THC has medical benefits.

Conclusions: This study provides a snapshot of patterns of Delta-8 THC use among US adult cannabis users. Further investigation of the perceived medical benefits of Delta-8 THC, the role of social media in promoting its use, and the effectiveness of restrictions on Delta-8 THC products would provide further information to guide public health policy regarding Delta-8 THC.

Disclosure: No significant relationships.

Keywords: Delta-8 THC; Marijuana; Hemp; Cannabis

O0049

Dual disorders in liaison-consultation psychiatry. A descriptive study of patients with substance use disorder admitted to a general hospital.

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doi: 10.1192/j.eurpsy.2022.248

Introduction: Several studies describe that the coexistence of a substance use disorder with another psychiatric condition or “dual disorder” (DD) is associated with a worse evolution at all levels, including a greater burden of medical illnesses and greater mortality.

Objectives: To describe the presence of DD and related factors in patients admitted to a General Hospital that required assessment by a psychiatry service.

Methods: A descriptive study that includes patients admitted to the Hospital del Mar in Barcelona for all medical-surgical reasons and attended by the specific addiction psychiatry consultation service between January 2016 and October 2021. Sociodemographic and clinical data are collected including the history of consumption and the diagnosis of dual disorder. Chi-square test was used for comparison between groups.

Results: The sample was 1796 patients (Women: 345. Mean age: 50.3 years; SD: 12.6). 43.7% of the sample presented DD, with axis 1 disorders being the most frequent. There was an association of DD to factors as: being woman (54 vs 41.2% $p < 0.001$), HIV positive serologies (54 vs 42.7% $p < 0.001$), being homeless (49 vs 31.7% $p < 0.001$) and cocaine consumption compared to other substances (53.4 vs 39.8% $p < 0.001$).

Conclusions: In our sample, almost half of patients had DD. The representation of women was significantly lower, however they presented a higher proportion of DD. In this study we describe an association of DD with other biopsychosocial problems, and further studies are necessary to determine in which sense they are related and optimize patient care.

Disclosure: No significant relationships.

Keywords: Addiction; dual disorder; liaison

Child and Adolescent Psychiatry 2 / Neurodevelopmental Disorders

O0050

Use of ADHD Medication Among Danish Children and Adolescents from 2010-2020 - A Nationwide Study

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doi: 10.1192/j.eurpsy.2022.249

Introduction: To ensure rational drug use, there is a need to continuously monitor the use of ADHD medication among children and adolescents.

Objectives: To describe the use of ADHD medication among Danish children and adolescents from 2010-2020.

Methods: Using the Danish national healthcare registries, we extracted data on filled prescriptions of ADHD medication (including methylphenidate, atomoxetine, guanfacine, dexamphetamine, and lisdexamphetamine) among children (age 6-12 years) and adolescents (age 13-17 years) between 2010-2020. We examined the annual incidence rate and prevalence proportion of ADHD drug use, and the proportion of children and adolescents having an ADHD diagnosis when initiating ADHD medication.

Results: From 2010-2020, the incidence followed a u-shaped trend with an incidence rate of 4.9/1,000 children and 4.4/1,000 adolescents in 2010, decreasing to 3.2/1,000 children and 3.0/1,000 adolescents in 2013, and rising to 4.9/1,000 children and 4.8/1,000 adolescents in 2020. The prevalence for children showed a similar trend, shifting from 17/1,000 in 2010, to 15/1,000 in 2016, and

peaking at 19/1,000 children in 2020. However, among adolescents the prevalence increased steadily from 19/1,000 in 2010 to 29/1,000 in 2020. 67% of children and 53% of adolescents initiating ADHD medication had an ADHD diagnosis.

Conclusions: After an initial decline in incidence rates of ADHD medication use among Danish children and adolescents, there has been a rise in use the last five years. The same trend applied for the prevalence among children, whereas the prevalence among adolescents increased steadily over the entire period. More than half of children and adolescents initiating ADHD medication were diagnosed with ADHD.

Disclosure: No significant relationships.

Keywords: children and adolescent; drug utilization; nationwide; adhd

O0051

Use of hypnotic drugs among Scandinavian children, adolescents, and young adults

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doi: 10.1192/j.eurpsy.2022.250

Introduction: Hypnotic drug use in children and adolescents is widely debated.

Objectives: To describe use of hypnotic drugs (melatonin, z-drugs and sedating antihistamines) among 5-24-year-old Scandinavians during 2012 to 2018.

Methods: Aggregate-level data from public data sources in Sweden, Norway and Denmark. We calculated annual prevalence (users/1000 inhabitants) stratified by sex, age group and country. Quantity of use (Defined Daily Dose (DDD)/user/day) was estimated for Norway and Denmark.

Results: Melatonin was most frequently used, with an increase from 2012 to 2018 in all countries. Sweden presented the highest rise (7 to 25/1,000) compared to Denmark (6 to 12/1,000) and Norway (10 to 20/1,000). The increase was strongest for females and 15-24-year-olds. Melatonin use was twice as common for males under age 15 years, and slightly more common for females thereafter. The annual prevalence of sedating antihistamine use doubled from 7 to 13/1,000 in Sweden, whereas it was more stable in Norway and Denmark, reaching 8/1,000 and 3/1,000, respectively. Z-drug use decreased in all countries, lowering to 4/1,000 in Sweden and Norway in 2018 and 2/1,000 in Denmark. The quantity of hypnotic use in Norway and Denmark was 1 DDD/user/day for melatonin, as compared to 0.1-0.3 for z-drugs and antihistamines.