

**Method** To examine the relation between changes in the sales of alcohol and alcoholism/alcoholic psychoses incidence/prevalence rates across the study period a time-series analysis was performed.

**Results** According to the results, alcohol sales is a statistically significant associated with alcoholic psychoses incidence/prevalence rates, implying that a 1 litre increase in per capita alcohol sales is associated with an increase in the alcoholic psychoses incidence/prevalence rates of 17.6% and 14.0% correspondingly. The association between alcohol sales per capita and alcoholism incidence/prevalence rates was also positive, but statistically not significant.

**Conclusion** These findings suggest that the alcoholic psychoses incidence/prevalence rates are the reliable indicators of alcohol-related problems at the population level. The outcomes of this study also provide indirect support for the hypothesis that the dramatic fluctuations in the alcoholic psychoses incidence/prevalence rates in Russia during the last decades were related to the availability/affordability of alcohol.

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#### EV1435

### Cognitive impairment associated with drug use in old age people

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**Introduction** Substance use disorder is a growing phenomenon among old adults. It is usually significantly undervalued, misidentified, under diagnosed and poorly treated. It has been related to cognitive impairment but there are few studies focused on the elderly.

**Aim** To evaluate the relationship between drug use and cognitive impairment in old adults.

**Methods** We conducted a prospective study (basal and 6 month follow up) in 67 patients over 65 years old seeking for treatment for drug misuse (alcohol and prescription drugs, mainly benzodiazepines) in addiction and dual diagnosis unit in Barcelona. A specific protocol was performed to evaluate attention, executive function, working memory, learning capacity, fonetic and visual fluency, decision-making, visual construction and cognitive flexibility (FCT, CPT-II, N-BACK, COWAT FAS, TAP, SDMT, IGT, CVLT, TOL, RFFT, STROOP). Patients were compared with a control group (healthy non drug users) with same characteristics (gender, age range and education status). The protocol consisted in two separated sessions of 90 minutes each one performed by a neuropsychologist.

**Results** Results obtained suggested that patients under drug misuse had worse scores in fluency, visual construction, memory and attention compared with controls. After 6 month treatment and achieving abstinence patients improve in cognitive skills as verbal learning, short-term memory and free recall of verbal information.

Cognitive impairment profile changes depending on the substance abused (alcohol or benzodiazepines).

**Conclusions** Drug use can produce deleterious effects in old adults. However, those who achieve abstinence may improve some cognitive functioning as verbal learning, short-term memory and free recall of verbal information.

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#### EV1436

### Psychological approach in headache patients with pain medication misuse in an outpatient center for drug treatment in Barcelona

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**Introduction** Pain medication misuse is commonly found in patients under headache treatment and may produce co-morbid anxiety and depressive symptomatology. Management of this issue requires a comprehensive and integrative treatment including psychotherapy. Group interventions have been scarcely studied in addictive disorders, those interventions aims to decrease drug misuse and improve related psychiatric symptoms.

**Aim** To study the efficacy of group interventions base on cognitive-behavior approach in patients with pain medication misuse.

**Method** Patients with pain medication misuse were included and were evaluated with BDI, STAI, SF36 and HIT scales (basal and at the end of treatment sessions). Patients were recruited from headache outpatient unit. Twelve sessions of one hour were performed with a cognitive-behavior approach (weekly).

**Results** We present preliminary results about the efficacy of group interventions in patients with pain medication misuse. Descriptive results pre- and post- treatment were analyzed in depressive symptoms (M = 20.14, SD = 12.25; M = 14.67, SD = 19.50) and in areas of quality of life: physical functioning (M = 48.75, SD = 31.13; M = 60.50, SD = 41.68), bodily pain (M = 12, SD = 9.25; M = 42.75, SD = 34.09), general health perceptions (M = 25.75, SD = 16.96; M = 44.25, SD = 22.33), vitality (M = 33.75, SD = 13.82; M = 48, SD = 34.82).

**Conclusions** Pain medication misuse is commonly found in chronic headache patients, consequently worst outcomes for both pathologies. Group interventions may be useful in management of pain, anxiety and other co-morbidities. Furthermore, it may favor drug use decrease and even abstinence.

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