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Prevalence of consumption of psychoactive substances in patients with psychic disorders hospitalized in Department of Psychiatry of Tlemcen Hospital, Algeria in 2017

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Aim: The consumption of Psycho Active Substances (PAS) is increasingly high in patients with psychological disorders. The aim of our cross-sectional descriptive study carried out from November 2016 to April 2017 is to assess the prevalence of PAS consumption in hospitalized patients at the Psychiatric Department of CHU Tlemcen, Algeria.

Methods: Our study included 165 male and female patients aged >15 years old with psychiatric disorders (schizophrenic, bipolar and depression). Data were collected by a questionnaire and completed by information from doctors and toxicological results in blood and urine. Drugs (opioids, cocaine, cannabis, benzodiazepines, barbiturates and tricyclic antidepressant) were identified and quantified by EMIT technic. Chi-square test was used for statistical analysis.

Results: Among 165 patients, 55.8% were schizophrenic, 39.4% with bipolar disorder and 4.8% depressed. There were 55% PAS consumers. The sex ratio=17.2 and age average of 36.38 ± 8.9 years. Schizophrenics are dominant users (62%) associating tobacco and cannabis (60%). Psychological disorders appeared after chronic use in 60% of cases. Toxicological analysis in blood and urine gave positive results in 20% confessing the use and 11% denying it. The main factors seen in consumers are education, jobs and familial instability and family history of substance abuse.

Conclusion: It is important to improve the management of patients with comorbidity of addiction and psychic disorder by psycho toxicological cooperation.

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