

PATTERN OF TOBACCO USE AND PSYCHOPATHOLOGY IN PATIENTS WITH SCHIZOPHRENIA AND BIPOLAR DISORDER THAT PARTICIPATED IN MULTICOMPONENT SMOKING CESSATION PROGRAM

L. García-Álvarez¹, P. García-Portilla¹, P. Rico-Villademoros², E. Elizagarate³, A. Ubis³, F. Sarramea⁴, A. Torres⁴, G. Galván⁵, E. Díaz-Mesa², P. Sáiz¹, J. Bobes¹

¹Psychiatry, University of Oviedo-CIBERSAM (G05), ²Psychiatry, University of Oviedo, Oviedo, ³Unidad de Psicosis Refractaria, H. Psiquiátrico de Álava, CIBERSAM-País Vasco (G16), Álava, ⁴Distrito Sanitario Jaén Norte, Servicio Andaluz de Salud, Jaén, Spain, ⁵Universidad Nacional de la Patagonia Austral, Santa Cruz, Argentina

Introduction: People with schizophrenia and bipolar disorder are more likely to smoke, smoke more cigarettes per day and have greater mortality from smoking-related disease than those in the general population.

Objectives: To describe the sample and to identify the relationship between the pattern of tobacco use and psychopathology.

Methods: Multicenter, observational, prospective, 12-month follow up study to assess the clinical efficacy of a multicomponent smoking cessation program specifically designed for patients with severe mental illness.

Sample: 65 patients from 3 Mental Health Centers sited in Spain [64.6 % males; mean age (SD) = 44.63 (8.93)].

Instruments:

(1) Pattern of tobacco use: Fargerstrom Test for Nicotine physical Dependence; Glover-Nilsson Test for Nicotine psychological Dependence; expired carbon monoxide (CO); n° cigarettes/day; n° smoking years.

(2) Psychopathology: PANSS; Hamilton; Young; CGI-G.

Results: Schizophrenia 64.6% and bipolar 26.2%; suicide attempts 36.9 % (2.83 mean of suicide attempts); economically active 7.7%. There is no differences: in psychopathology severity between “heavy smokers” (ppm \geq 26 or n° cigarettes/day \geq 30) and “non heavy smokers” (ppm $<$ 26 or n° cigarettes/day $<$ 30) and in the pattern of tobacco use between schizophrenia and bipolar patients. There is no relationship between psychopathology severity and the pattern of tobacco use in schizophrenia patients. Finally, there is relationship between depressive symptoms (Hamilton) and nicotine psychological dependence (Glover-Nilsson Test) in bipolar disorder patients ($r=0.72$, $p=0.004$).

Conclusions: In bipolar disorder patients, there is relationship between the severity of depressive symptoms and the dependence of nicotine.