Effect of Public Smoking Restriction Precautions on the Schizophrenia Patients' Smoking Prevalance and Amount of Smoking Consumption

Submission ID 3012304

Submission Type Poster/Oral Presentation

Topic Treatments, Intervention, Prevention & Public Health

Status Submitted

Submitter Eldem Güvercin

Affiliation Dokuz Eylul University, Faculty of Medicine, Izmir

SUBMISSION DETAILS

Secondary Category Global Health, Epidemiology, Cultural Psychiatry, Service Systems & Public Health

Research Type Human Subjects Research

Clinical Trial No

Clinical Relevance No

Content New data is being presented.

Abstract Details Our analysis has nearly completed and has not published yet.

Poster or Oral Presentation Poster Only

Background In 2008, Türkiye has introduced a law for preventing smoking and its harmful effects. It has brought serious restrictions on advertisements and sponsorships encouraging smoking, and smoking was banned in common public areas, public offices and all kinds of public transportation vehicles. These restrictions taken throughout the country generally yielded results, and in the first 5 years of legal regulations, smoking prevalence decreased by 13.4% across Türkiye. Smoking is more common among patients with schizophrenia than in general population. It has been reported that tobacco smoking is 1.5 times more frequent in patients with schizophrenia, compared to general population. Reducing smoking in patients with schizophrenia may contribute to reducing morbidity and mortality in these individuals.

Methods In this retrospective study, we evaluated 435 individuals diagnosed with schizophrenia who applied to the outpatient clinic at the Dokuz Eylül University Hospital, İzmir, Türkiye. Participants divided into two groups: First group (n=236) consist of the patients, applied to the outpatient clinic before the endorsement of smoking restriction laws (at the year of 2008 and before). Second group (n=199) including the patients, who have applied the outpatient clinic after the year of 2008. Their smoking habits and cigarettes consuming per day were analyzed with

independent samples T-test.

Results Both the cigarette consumption frequency (t (433): -2.05; p<0.05) and the number of cigarettes smoked per day (mean: 11.23; SD: 14.48 vs mean: 13.45; SD: 17.33; p< 0.05) were found to be significantly lower in individuals who were followed up at the outpatient clinic after 2008 compared to individuals who were evaluated before 2008.

Discussion The current legal restrictions for smoking have significant effects in patients with schizophrenia, both the smoking habit and the average number of cigarettes consuming per day have decreased in these patients. Reducing smoking in patients with schizophrenia is a realistic and desirable goal and it is important to ensure the continuity of the precautions. We hope that the encouraging decrease in the prevalence and amount of smoking in patients with schizophrenia under the influence of legal regulations, will provide additional measures and public health policies to additional smoking reduction in patients with schizophrenia.

Keyword

Keywords
cigarette smoking
Inpatients with Chronic Schizophrenia
prevalence
Smoking Cessation
public

Poster Award No

Please list all co-authors for this poster submission.

* Presenting Author

First Name	Last Name	Affiliation
Eldem *	Güvercin *	Dokuz Eylul University, Faculty of Medicine, Izmir
Bilge	Targıtay Öztürk	Dokuz Eylul University, School of Medicine, Department of Psychiatry, Izmir, Turkey
Tolga	Binbay	Dokuz Eylul University, School of Medicine, Department of Psychiatry, Izmir, Turkey

Berna Binnur	Akdede	Dokuz Eylul University Department of Neuroscience, Dokuz Eylül University, School of Medicine, Department of Psychiatry, Izmir
Köksal	Alptekin	Dokuz Eylul University Department of Neuroscience, Dokuz Eylül University, School of Medicine, Department of Psychiatry, Izmir

Consent of Release of Rights I have read and agree to the above terms and conditions.

Signature Dr. Eldem GÜVERCİN

DISCLOSURE

Financial Relationships

Disclosure No, I have nothing to disclose.

Statement 1 I Agree.

Statement 2 I Agree.

Statement 3 I Agree.

Statement 4 I Agree.

Statement 5 I Agree.

Statement 6 I Agree.

Statement 7 I Agree.

Statement 8 I Agree.

Statement 9 I Agree.

CV Upload Eldem
Gu
¨
vercin
O
¨
ZGEC
¸
MI
˙

S

kopyası.docx

Signature Eldem GÜVERCİN