Relevant news and research

7.12 Smoking and mental health

Last updated March 2021

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Research:


7.12.1 Prevalence of smoking among people with mental health problems


Fujiwara, M, Inagaki, M, Nakaya, N, Fujimori, M, Higuchi, Y, Kakeda, K, Uchitomi, Y, Yamada, N. Smoking among adults with serious psychological distress: Analysis of anonymized data from a


7.12.2 Smoking prevalence over time among those with mental health problems


7.12.3 Why those with mental health problems smoke more


7.12.4 Barriers to be overcome when quitting


7.12.5 Interventions for reducing smoking for those with a mental health problem


Garey, L, Cheema, MK, Otal, TK, Schmidt, NB, Neighbors, C, Zvolensky, MJ. The sequential pathway between trauma-related symptom severity and cognitive-based smoking processes through


Tong, L, Shi, H J, Zhang, Z, Yuan, Y, Xia, ZJ, Jiang, XX, Xiong, X. Mediating effect of anxiety and
depression on the relationship between Attention-deficit/hyperactivity disorder symptoms and

Dedert, EA et al. Pilot cases of combined cognitive processing therapy and smoking cessation for
smokers with posttraumatic stress disorder. Behav Ther, Jan 2016. Available from:

Deng, H et al. Smoking reduction and quality of life in chronic patients with schizophrenia in a

Khanna, P et al. Smoking cessation advice for people with serious mental illness. Cochrane Database

Schmidt, NB et al. Anxiety sensitivity risk reduction in smokers: A randomized control trial examining
effects on panic. Behav Res Ther, Feb 2016. Available from:

Smith, RC et al. Varenicline effects on smoking, cognition, and psychiatric symptoms in schizophrenia:
a double-blind randomized trial. PLoS One, 2016. Available from:

Weinberger, AH et al. Smoking cessation and adults with serious mental illness: the need for more
research at every step of the quit process. Nicotine Tob Res, Mar 2016. Available from:

Foster, DW, Schmidt, NB, Zvolensky, MJ. Influences of barriers to cessation and reasons for quitting

Baker, HM et al. Pilot implementation of a wellness and tobacco cessation curriculum in North
Carolina group homes. Community Ment Health J, 2015. Available from:

Bernard, P et al. Exercise and counseling for smoking cessation in smokers with depressive
symptoms: a randomized controlled pilot trial. J Dual Diagn, Jul-Dec 2015. Available from:

Rogers, ES et al. Telephone smoking-cessation counseling for smokers in mental health clinics: a

Barnett, PG et al. Cost-effectiveness of smoking cessation treatment initiated during psychiatric


Clyde, M et al. Task and barrier self-efficacy among treatment-seeking smokers with current, past or no psychiatric diagnosis. Addictive Behaviors, 2015. Available from: 


O'Brien, B et al. E-cigarettes versus NRT for smoking reduction or cessation in people with mental illness: secondary analysis of data from the ASCEND trial. E-cigarettes versus NRT for smoking reduction or cessation in people with mental illness: secondary analysis of data from the ASCEND trial. Tobacco induced diseases, 2015. Available from: 


Steinberg ML et al. An adaptation of motivational interviewing increases quit attempts in smokers with serious mental illness. Nicotine & Tobacco Research, 2015. Available from: 


Ditre JW, Langdon KJ, Kosiba JD, Zale EL, and Zvolensky MJ. Relations between pain-related anxiety, tobacco dependence, and barriers to quitting among a community-based sample of daily smokers. Addict Behav, 2015; 42:130-5. Available from: 


7.12.5.1 Depression


Cohn, AM. Never, non-daily, and daily smoking status and progression to daily cigarette smoking as correlates of major depressive episode in a national sample of youth: Results from the National Survey of Drug Use and Health 2013 to 2015. Addict Behav. 2018 Mar; 2;84:118-125. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29684762


7.12.5.2 Anxiety


7.12.5.3 Attention-deficit/hyperactivity disorder (ADHD)


7.12.5.4 Substance use disorders


Kahler, CW, Cioe, PA, Tzilos, GK, Spillane, NS, Leggio, L, Ramsey, SE, Brown, RA, O'Malley, SS. A Double-Blind Randomized Placebo-Controlled Trial of Oral Naltrexone for Heavy-Drinking Smokers


7.12.5.5 Post-traumatic stress disorder (PTSD)


7.12.5.6 Bipolar disorder


Heffner, JL, Mull, KE, Watson, NL, McClure, JB, & Bricker, JB. Smokers with bipolar disorder, other affective disorders, and no mental health conditions: Comparison of baseline characteristics and


7.12.5.7 Schizophrenia


Schuster, RM, Cather, C, Pachas, GN, Zhang, H, Cieslak, KM, Hoeppner, SS, Schoenfeld, D, Eden Evins, A. Predictors of tobacco abstinence in outpatient smokers with schizophrenia or bipolar disorder

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### 7.12.6 Role of health professionals and health settings


Faseru, B, Ellerbeck, EF, Catley, D, Gajewski, BJ, Scheuermann, TS, Shireman, TI, Mussulman, LM, Nazir, N, Bush, T, Richter, KP. Changing the default for tobacco-cessation treatment in an inpatient


News reports:


7.12.1 Prevalence of smoking among people with mental health problems


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