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Relevant news and research

7.7 Factors that predict success or failure in quit attempts

Last updated September 2019

Research:


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7.7.1 Individual differences that predict success or failure in quit attempts


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Grabski, M, Curran, HV, Nutt, DJ, Husbands, SM, Freeman, TP, Fluharty, M, Munafo, MR. Behavioral tasks sensitive to acute abstinence and predictive of smoking cessation success: A systematic review
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Craciun, C, Flick, U. "I want to be 100 years old, but I smoke too much": Exploring the gap between positive aging goals and reported preparatory actions in different social circumstances. J Aging Stud, Dec 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26568214


7.7.1 Duration of smoking

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7.7.1.2 Level of dependence (heaviness, time to first cigarette)


7.7.1.3 Severity of withdrawal symptoms


7.7.4 Genetics influences


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Ramsey, AT, Chen, LS, Hartz, SM, Saccone, NL, Fisher, SL, Proctor, EK, Bierut, LJ. Toward the implementation of genomic applications for smoking cessation and smoking-related diseases. Transl...


7.7.1.5 History of previous failed quit attempts

7.7.1.6 Low confidence, poor self-efficacy


7.7.1.7 Impulsivity, sensation seeking, and time perspective


7.7.1.8 Concern about weight gain


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7.7.1.9 Disturbances of mood


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Lechner, WV, Gunn, RL, Minto, A, Philip, NS, Brown, RA, Uebelacker, LA, Price, LH, Abrantes, AM. Effects of Negative Affect, Urge to Smoke, and Working Memory Performance (n-back) on Nicotine
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Skov-Ettrup, LS, Egan, KK, Dalum, P, Tolstrup, JS. Stress-related expectations about smoking cessation and future quit attempts and abstinence - a prospective study in daily smokers who wish
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7.7.1.10 Other individual factors


7.7.2 Environmental factors that predict success or failure in quit attempts
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7.7.2.1 Social factors


7.7.2.2 Cue reactivity


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Gilman, JM, Radoman, M, Schuster, RM, Pachas, G, Azzouz, N, Fava, M, Evins, AE. Anterior insula activation during inhibition to smoking cues is associated with ability to maintain tobacco
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hhttps://www.ncbi.nlm.nih.gov/pubmed/29450255

Harris, JA, Donohue, SE, Ilse, A, Ariel Schoenfeld, M, Heinze, HJ, Woldorff, MG. EEG measures of
brain activity reveal that smoking-related images capture the attention of smokers outside of
awareness. Neuropsychologia. 2018 Feb 7;111:324-333. Available from:
hhttps://www.ncbi.nlm.nih.gov/pubmed/29427572

Conklin, CA, McClernon, FJ, Vella, EJ, Joyce, CJ, Salkeld, RP, Parzynski, CS, Bennett, L. Combined
smoking cues enhance reactivity and predict immediate subsequent smoking. Nicotine Tob Res.

Rehme, AK, Bey, K, Frommann, I, Mogg, K, Bradley, BP, Bludau, J, Block, V, Strater, B, Schutz, CG,
Wagner, M. Selective attention to smoking cues in former smokers. Eur Neuropsychopharmacol.
2018 Jan 19. pii: S0924-977X(17)32029-1. Available from:
hhttps://www.ncbi.nlm.nih.gov/pubmed/29371023

connectivity and abstinence-induced craving in young smokers. Brain Imaging Behav. 2018 Jan 3. pii:

Bi, Y, Yuan, K, Yu, D, Wang, R, Li, M, Li, Y, Zhai, J, Lin, W, Tian, J. White matter integrity of central
executive network correlates with enhanced brain reactivity to smoking cues. Hum Brain Mapp,

Transcranial magnetic stimulation of the dorsal lateral prefrontal cortex inhibits medial orbitofrontal

Owens, MM, MacKillop, J, Gray, JC, Beach, SRH, Stein, MD, Niaura, RS, Sweet, LH. Neural correlates
of tobacco cue reactivity predict duration to lapse and continuous abstinence in smoking cessation

Detandt, S, Bazan, A, Schroder, E, Olyff, G, Kajosch, H, Verbanck, P, Campanella, S. A smoking-related
background helps moderate smokers to focus: An event-related potential study using a Go-NoGo
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News reports:


7.7.1.2 Level of dependence (heaviness, time to first cigarette)


7.7.1.4 Genetic influences


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7.7.1.8 Concern about weight gain


7.7.1.9 Disturbances of mood


7.7.2 Environmental factors that predict success or failure in quit attempts


7.7.2.1 Social factors