

## Virtual Reality – Webinar References

Baumann, S. B., & Sayette, M. A. (2006). Smoking Cues in a Virtual World Provoke Craving in Cigarette Smokers. *Psychology of Addictive Behaviors*, 20(4), 484–489. <https://doi.org/10.1037/0893-164X.20.4.484>

Benvegnù, G., Tommasi, F., Ferraro, S., Libener, E., Di Chio, M., Bosi, S., Zandonai, T., & Chiamulera, C. (2021). Smokers “Context Reactivity” in Virtual Domestic Environments. *European Addiction Research*, 27(6), 439–446. <https://doi.org/10.1159/000515301>

Bonnetterre, S., Zerhouni, O., Barré, M., Wiers, R., & Boffo, M. (2024). Effect of content framing in smoking prevention campaigns on recognition and attitudes: a virtual reality study. *Health Psychology & Behavioral Medicine*, 12(1), 2420810. <https://doi.org/10.1080/21642850.2024.2420810>

Borrelli, B., Endrighi, R., Jurasic, M. M., Hernandez, H., Jones, E., Ospina, J., Cabral, H. J., Quintiliani, L. M., & Werntz, S. (2022). A smoking cessation induction intervention via virtual reality headset during a dental cleaning: protocol for a randomized controlled trial. *BMC Public Health*, 22(1), Article 1074. <https://doi.org/10.1186/s12889-022-13427-y>

Borrelli, B., Rueras, N., & Jurasic, M. (2021). Delivery of a smoking cessation induction intervention via virtual reality headset during a dental cleaning. *Translational Behavioral Medicine*, 11(1), 182–188. <https://doi.org/10.1093/tbm/ibz144>

Caponnetto, P., Maglia, M., Lombardo, D., Demma, S., & Polosa, R. (2018). The role of virtual reality intervention on young adult smokers’ motivation to quit smoking: a feasibility and pilot study. *Journal of Addictive Diseases*, 37(3–4), 217–226. <https://doi.org/10.1080/10550887.2019.1664364>

de Bruijn, G.-J., de Vries, J., Bolman, C., & Wiers, R. (2021). (No) escape from reality? Cigarette craving in virtual smoking environments. *Journal of Behavioral Medicine*, 44(1), 138–143. <https://doi.org/10.1007/s10865-020-00170-1>

Eidenmueller, K., Hoffmann, S., Kammler-Sücker, K., Wenger, L., Mazza, M., Mühle, C., Stenger, M., Meixner, G., Kiefer, F., & Lenz, B. (2025). Reactivity to Smoking Cues in a Social Context: Virtual Reality Experiment. *JMIR Formative Research*, 9, e71285–e71285. <https://doi.org/10.2196/71285>

Gao, K., Wiederhold, M. D., Kong, L., & Wiederhold, B. K. (2013). Clinical experiment to assess effectiveness of virtual reality teen smoking cessation program. In *Studies in health technology and informatics* (Vol. 191, p. 58). <https://doi.org/10.3233/978-1-61499-282-0-58>

García-Rodríguez, O., Pericot-Valverde, I., Gutiérrez-Maldonado, J., Ferrer-García, M., & Secades-Villa, R. (2012). Validation of smoking-related virtual environments for cue exposure therapy. *Addictive Behaviors*, 37(6), 703–708. <https://doi.org/10.1016/j.addbeh.2012.02.013>

García-Rodríguez, O., Weidberg, S., Gutiérrez-Maldonado, J., & Secades-Villa, R. (2013). Smoking a virtual cigarette increases craving among smokers. *Addictive Behaviors*, 38(10), 2551–2554. <https://doi.org/10.1016/j.addbeh.2013.05.007>

Giovancarli, C., Malbos, E., Baumstarck, K., Parola, N., Péliissier, M.-F., Lançon, C., Auquier, P., & Boyer, L. (2016). Virtual reality cue exposure for the relapse prevention of tobacco consumption: a study protocol for a randomized controlled trial. *Current Controlled Trials in Cardiovascular Medicine*, 17(1), Article 96. <https://doi.org/10.1186/s13063-016-1224-5>

Goldenhersch, E., Thrul, J., Ungaretti, J., Rosencovich, N., Waitman, C., & Ceberio, M. R. (2020). Virtual Reality Smartphone-Based Intervention for Smoking Cessation: Pilot Randomized Controlled Trial on Initial Clinical Efficacy and Adherence. *Journal of Medical Internet Research*, 22(7), Article 17571. <https://doi.org/10.2196/17571>

Jackson, R. W., Cao-Nasalga, A., Chieng, A., Pirkl, A., Jagielo, A. D., Xu, C., Goldenhersch, E., Rosencovich, N., Waitman, C., & Prochaska, J. J. (2024). Adding Virtual Reality Mindful Exposure Therapy to a Cancer Center's Tobacco Treatment Offerings: Feasibility and Acceptability Single-Group Pilot Study. *JMIR Formative Research*, 8, e54817. <https://doi.org/10.2196/54817>

Keijsers, M., Vega-Corredor, M. C., Tomintz, M., & Hoermann, S. (2021). Virtual Reality Technology Use in Cigarette Craving and Smoking Interventions (I “Virtually” Quit): Systematic Review. *Journal of Medical Internet Research*, 23(9), Article 24307. <https://doi.org/10.2196/24307>

Kotlyar, M., Vogel, R. I., Dufresne, S. R., Mills, A. M., & Vuchetich, J. P. (2020). Effect of nicotine lozenge use prior to smoking cue presentation on craving and withdrawal symptom severity. *Drug and Alcohol Dependence*, 206, Article 107706. <https://doi.org/10.1016/j.drugalcdep.2019.107706>

Lee, E.-H., & Shin, S.-R. (2025). Development and evaluation of virtual simulation for smoking cessation counseling education program for nursing students. *BMC Nursing*, 24(1), Article 512. <https://doi.org/10.1186/s12912-025-03141-6>

Malbos, E., Borwell, B., Einig-Iscaïm, M., Korchia, T., Cantalupi, R., Boyer, L., & Lancon, C. (2023). Virtual reality cue exposure therapy for tobacco relapse prevention: a comparative study with standard intervention. *Psychological Medicine*, 53(11), Article 0033291722002070. <https://doi.org/10.1017/S0033291722002070>

McKenna, T., Cahier, J., Salomonsson, I., & Merker, B. (2023). Virtual reality induction of the Garcia effect for smoking cessation. *Tobacco Prevention & Cessation*, 9(Supplement). <https://doi.org/10.18332/tpc/162601>

Nonnemaker, J., Kim, A., Shafer, P., Loomis, B., Hill, E., Holloway, J., & Farrelly, M. (2016). Influence of point-of-sale tobacco displays and plain black and white cigarette packaging and advertisements on adults: Evidence from a virtual store experimental study. *Addictive Behaviors*, 56, 15–22. <https://doi.org/10.1016/j.addbeh.2016.01.001>

Park, C.-B., Choi, J.-S., Park, S. M., Lee, J.-Y., Jung, H. Y., Seol, J.-M., Hwang, J. Y., Gwak, A. R., & Kwon, J. S. (2014). Comparison of the Effectiveness of Virtual Cue Exposure Therapy and Cognitive Behavioral Therapy for Nicotine Dependence. *Cyberpsychology, Behavior and Social Networking*, 17(4), 262–267. <https://doi.org/10.1089/cyber.2013.0253>

Pericot-Valverde, I., García-Rodríguez, O., Gutiérrez-Maldonado, J., & Secades-Villa, R. (2015). Individual variables related to craving reduction in cue exposure treatment. *Addictive Behaviors*, *49*, 59–63.  
<https://doi.org/10.1016/j.addbeh.2015.05.013>

Pericot-Valverde, I., Germeroth, L. J., & Tiffany, S. T. (2016). The Use of Virtual Reality in the Production of Cue-Specific Craving for Cigarettes: A Meta-Analysis. *Nicotine & Tobacco Research*, *18*(5), 538–546.  
<https://doi.org/10.1093/ntr/ntv216>

Pericot-Valverde, I., Secades-Villa, R., Gutiérrez-Maldonado, J., & García-Rodríguez, O. (2014). Effects of Systematic Cue Exposure Through Virtual Reality on Cigarette Craving. *Nicotine & Tobacco Research*, *16*(11), 1470–1477. <https://doi.org/10.1093/ntr/ntu104>

Rovira, A., Lambe, S., Beckwith, H., Ahmed, M., Hudson, F., Haynes, P., Yu, C.-J., Williams, K., Saidel, S., Iredale, E., McBride, S., Waite, F., Pan, X., & Freeman, D. (2024). A randomized controlled experiment testing the use of virtual reality to trigger cigarette craving in people who smoke. *Scientific Reports*, *14*(1), Article 19445. <https://doi.org/10.1038/s41598-024-70113-2>

Schröder, B., Kroczeck, A., Kroczeck, L. O. H., Ehlis, A.-C., Batra, A., & Mühlberger, A. (2024). Cigarette craving in virtual reality cue exposure in abstainers and relapsed smokers. *Scientific Reports*, *14*(1), Article 7538. <https://doi.org/10.1038/s41598-024-58168-7>

Tatnell, P., Atorkey, P., & Tzelepis, F. (2022). The Effectiveness of Virtual Reality Interventions on Smoking, Nutrition, Alcohol, Physical Activity and/or Obesity Risk Factors: A Systematic Review. *International Journal of Environmental Research and Public Health*, *19*(17), Article 10821. <https://doi.org/10.3390/ijerph191710821>

Woodruff, S. I., Conway, T. L., Edwards, C. C., Elliott, S. P., & Crittenden, J. (2007). Evaluation of an Internet virtual world chat room for adolescent smoking cessation. *Addictive Behaviors*, *32*(9), 1769–1786.  
<https://doi.org/10.1016/j.addbeh.2006.12.008>

Zamboni, L., Campagnari, S., Giordano, R., Fusina, F., Carli, S., Congiu, A., Barbon, I., Melchiori, S., Casari, R., Tedeschi, E., Vesentin, R., Verlato, G., Infante, M. V., & Lugoboni, F. (2022). A virtual reality craving study in tobacco addiction: The role of non-pharmacological support in tobacco detox therapy. *Frontiers in Psychiatry, 13*, Article 940100.  
<https://doi.org/10.3389/fpsy.2022.940100>