

## Tobacco and Pain References

- Bagdas, D., Alkhlaif, Y., Jackson, A., Carroll, F.I., Ditre, J.W., & Damaj, M.I. (2018). New insights on the effects of varenicline on nicotine reward, withdrawal, and hyperalgesia in mice. *Neuropharmacology*, 138(2018), 72-79.
- Baiamonte, B.A., Stickley, S.C., & Ford, S.J. (2016). Nicotine deprivation produces deficits in pain perception that are moderately attenuated by caffeine consumption. *Journal of Psychoactive Drugs*, 48(3), 159-165.
- Behrend, C., Prasarn, M., Coyne, E., Horodyski, M., Wright, J., & Rechtine, G.R. (2012). Smoking cessation related to improved patient-reported pain scores following spinal care. *The Journal of Bone and Joint Surgery*, 94, 2161-2166.
- Carroll-Chapman, S.L. & Wu, L. (2015). Associations between cigarette smoking and pain among veterans. *Epidemiologic Reviews*, 37, 86-102.
- Cornelius, M.E., Wang, T.W., Jamal, A., Loretan, C.G., & Neff, L.J. (2020). Tobacco product use among US adults – United States, 2019. *Morbidity and Mortality Weekly Report*, 69, 1736-1742.
- Costa, G.P., Nunes, J.C., Suh, R., Sofuoglu, M., & Aquino, J.P. (2025). The bidirectional relationship between pain and tobacco use: Insights from the longitudinal Population Assessment of Tobacco and Health (PATH) study. *Drug and Alcohol Dependence*, 268(2025) 112552, 1-8.
- Cosgrove, K.P., Esterlis, I., McKee, S., Bois, F., Alagille, D., Tamagnan, G.D., Seibyl, J.P., Sarin-Krishnan, S., & Staley, J.K. (2010). Beta2\* nicotinic acetylcholine receptors modulate pain sensitivity in acutely abstinent tobacco smokers. *Nicotine & Tobacco Research*, 12(5), 535-539.
- De La Rosa, J.S., Brady, B.R., Ibrahim, M.M., Herder, K.E., Wallace, J.S., Padilla, A.R., & Vanderah, T.W. (2024). Co-occurrence of chronic pain and anxiety/depression symptoms in US adults: Prevalence, functional impacts, and opportunities. *Pain*, 165, 666-673.
- Ditre, J.W., & Brandon, T.H. (2008). Pain as a Motivator of Smoking: Effects of Pain Induction on Smoking Urge and Behavior. *Journal of Abnormal Psychology*, 117(2), 467-472.
- Ditre, J.W., Brandon, T.H., Zale, E.L., & Meagher, M.M. (2011). Pain, nicotine, and smoking: Research findings and mechanistic considerations. *Psychological Bulletin*, 137(6), 1065-1093.

- Ditre, J.W., Langdon, K.J., Kosiba, J.D., Zale, E.L., & Zvolesky, M.J. (2015). Relationship between pain-related anxiety, tobacco dependence, and barriers to quitting among a community-based sample of daily smokers. *Addictive Behaviors* (42) 130-135.
- Ditre, J.W., Heckman, B.W., Zale, E.L., Kosiba, J.D., & Maisto, S. (2016). Acute analgesic effects of nicotine and tobacco in humans: A meta-analysis. *Pain*, 157(7), 1373-1381.
- Ditre, J.W., Zale, E.L., LaRowe, L.R., Kosiba, J.D., & De Vita, M.J. (2018). Nicotine deprivation increases pain intensity, neurogenic inflammation, and mechanical hyperalgesia among daily tobacco smokers. *Journal of Abnormal Psychology*, 127(6), 578-589.
- Ditre, J.W., Heckman, B.W., LaRowe, L.R., & Powers, J.M. (2021). Pains status as a predictor of smoking cessation initiation, lapse, and relapse. *Nicotine & Tobacco Research*, 186-194.
- Fiore, M.C., Jaen, C., Baker, T.B., Bailey, W.C., Benowitz, N.L., Curry, S.J., Dorfman, S.F., Froelicher, E.S., Goldstein, M.G., Heaton, C.G., Henderson, P.N., Heyman, R.B., Koh, H.K., Kottke, T.E., Lando, H.A., Mecklenburg, R.E., Mermelstein, R.J., Mullen, P.D., Orleans, C.T., Robinson, L.,... (2008). *Treating tobacco use and dependence: 2008 update*. U.S. Department of Health and Human Services. Public Health Service.
- Fishbain, D.A., Pulikal, A., Lewis, J.E., & Gao, J. (2017). Chronic pain types differ in their reported prevalence in PTSD and there is consistent evidence that chronic pain is associated with PTSD: An evidence based structured systematic review. *Pain Medicine*, 18, 711-735.
- Gatchel, R.J., Bo Peng, Y., Peters, M.L., Fuchs, P.N., & Turk, D.C. (2012). The biopsychosocial approach to chronic pain: Scientific advances and future directions. *Psychological Bulletin*, 133(4), 581-624.
- Goesling, J., Brummett, C.M., Meraj, T.S., Moser, S.E., Hassett, A.L., & Ditre, J.W. (2015). Associations between pain, current tobacco smoking, depression, and fibromyalgia status among treatment-seeking chronic pain patients. *Pain Medicine*, 16, 1433-1442.
- Hammett, P.J., Businelle, M.S., Taylor, B.C., Erbes, C.R., Bastian, L., Doran, N., Sherman, S.E., Rogers, E.S., Burgess, D.J., & Fu, Steven. (2021). The association between smoking abstinence and pain trajectory among veterans engaged in US department of veterans affairs mental health care. *Pain Medicine*, 22(8), 1793-1803.
- Heatherton, T. F., Kozlowski, L. T., Frecker, R. C., Rickert, W., & Robinson, J. (1989). Measuring the heaviness of smoking: Using self-reported time to the first cigarette of the

day and number of cigarettes smoked per day. *British Journal of Addiction*, 84(7), 791-799.

- Hendricks, P.S., Delucchi, K.L., & Hall, S.M. (2010). Mechanisms of change in extended cognitive behavioral treatment for tobacco dependence. *Drug and Alcohol Dependence*, 109(1-3), 114-119.
- Hooten, M.W., Townsend, C.O., Hays, J.T., Ebnert, K.L., Gauvin, T.R., Gehin, J.M., Laures, H.J., Patten, C.A., & Warner, D.O. (2014). A cognitive behavioral smoking abstinence intervention for adults with chronic pain: A randomized controlled pilot trial. *Addictive Behaviors*, 39(3), 593-599.
- Hooten, W.M., & Warner, D.O. (2015). Varenicline for opioid withdrawal in patients with chronic pain: A randomized, single-blinded, placebo-controlled pilot design. *Addictive Behaviors*, 42, 69-72.
- Hooten, W.M., LaRowe, L.R., Zale, E.L., Ditre, J.W., & Warner, D.O. (2019). Effects of a brief pain and smoking cessation intervention in adults with chronic pain: A randomized controlled trial. *Addictive Behaviors*, 92, 173-179.
- Khan, J.S., Hah, J.M., & Mackey, S.C. (2019). Effects of smoking on patients with chronic pain: A propensity-weighted analysis on the collaborative health outcomes information registry. *Pain*, 160(10), 2374-2379.
- Kosiba, J.D., Zale, E.L., & Ditre, J.W. (2018). Associations between pain intensity and urge to smoke: Testing the role of negative affect and pain catastrophizing. *Drug and Alcohol Dependence*, 187, 100-108.
- LaRowe, L.R. & Ditre, J.W. (2020). Pain, nicotine, and tobacco smoking: Current state of the science. *Pain*, 161(8), 1688-1693.
- Lee, M., Snow, J., Quon, C., Selander, K., DeRycke, E., Lawless, M., Driscoll, M., Ditre, J.W., Mattocks, K.M., Becker, W.C., & Bastian, L.A. (2021). I smoke to cope with pain: Patients' perspectives on the link between cigarette smoking and pain. *Wiener klinische Wochenschrift*, 133, 1012-1019.
- Leone, F.T., Zhang, Y., Evers-Casey, S., Evins, A.E., Eakin, M.N., Fathi, J., Fennig, K., Folan, P., Galiatsatos, P., Goginerni, H., Kantrow, S., Kathuria, H., Lamphere, T., Neptune, E., Pacheco, M.C., Pakhale, S., Prezant, D., Sachs, D.P., Toll, B., Upson, D...Farber, H.J. (2020). Initiating pharmacologic treatment in tobacco-dependent adults: An official American Thoracic Society clinical practice guidelines. *American Thoracic Society Documents*, 202(2), e5-e31.

- Lee, M., Bastian, L.A., LaRowe, L., Derycke, E.C., Relyea, M., Becker, W., & Ditre, J.W. (2022). Perceived pain and smoking interrelations among veterans with chronic pain enrolled in a smoking cessation trial. *Pain Medicine*, 23(11), 1820-1827.
- Lida, H., Yamaguchi, S., Goyagi, T., Sugiyama, Y., Taniguchi, C., Matsubara, T., Yamada, N., Yonekura, H., & Lida, M. (2022). Consensus statement on smoking cessation in patients with pain. *Journal of Anesthesia*, 36, 671-687.
- Luo, Y., Yang, Y., Schneider, & Balle, T. (2023). The anti-nociceptive effects of nicotine in humans: A systemic review and meta analysis. *Pharmaceuticals*, 16 (1665), 1-12.
- Martel, M.O., Shir, Y., & Ware, M.A. (2018). Substance-related disorders: A review of prevalence and correlates among patients with chronic pain. *Progress in Neuropsychopharmacology & Biological Psychiatry*, 87, 245-254.
- Melzak, R. (1999). From the gate to the neuromatrix. *Pain*, 6, s121-s126 .
- Miller, W.R., & Rollnick, S. (2023). *Motivational interviewing: Helping people change* (3<sup>rd</sup> Edition). Guilford Press.
- Morris, C.D., & Garver-Apgar, C.E. (2019). Nicotine and opioids: A call for co-treatment as the standard of care. *Journal of Behavioral Health Services & Research*, 2020, 601-613.
- Murphy, J.L., McKellar, J.D., Raffa, S.D., Clark, M.E., Kerns, R.D., & Karlin, B.E. *Cognitive behavioral therapy for chronic pain among veterans: Therapist manual*. Washington, DC: US Department of Veterans Affairs.
- Patterson, A.L., Gritzner, S., Resnick, M.P., Dobscha, S.K., Turk, D.C., & Morasco, B.J. (2012). Smoking cigarettes as a coping strategy for chronic pain is associated with greater pain intensity and poorer pain related function. *The Journal of Pain*, 13(3), 285-292.
- Parkerson, H. & Asmundson, G.J.G. (2016). The role of pain intensity and smoking expectancies on smoking urge and behavior following experimental pain induction. *Drug and Alcohol Dependence*, 164, 166, 171.
- Rajabi, A., Dehghani, M., Shojaei, A., Farjam, M., & Motevalian, S.A. Association between tobacco smoking and opioid use: A meta-analysis. *Addictive Behaviors*, 92(2019), 225-235.
- Raja, S.N., Carr, D.B., Cohen, M., Finnerup, N.B., Flor, H., Gibson, S., Keefe, F., Mogil, J.S., Ringkamp, M., Sluka, K.A., Song, X-J., Stevens, B., Sullivan, M., Tutelman, P., Ushida, T., & Vader, K. (2020). The revised IASP definition of pain: concepts, challenges, and compromises. *Pain*, 161(9), 1976-1982.

- Robinson, C.L., Kim, R.S., Li, M., Ruan, Q.Z., Surapaneni, S., Jones, M., Pak, D.J., & Southerland, W. (2022). The impact of smoking on the development and severity of chronic pain. *Current Pain and Headache Reports*, 2022(26), 575-581.
- Shiri, R., Karppinen, J., Leino-Arjas, P., Solovieva, S., & Viikari-Juntura, E. (2010). The association between smoking and low back pain: A meta-analysis. *The American Journal of Medicine*, 123(1) 7-35).
- Siu, A.L. (2015). Behavioral and pharmacotherapy interventions for tobacco smoking cessation in adults, including pregnant women: US preventive services task force recommendation statement. *Annals of Internal Medicine*, 163(8), 622-636.
- Smit, T.S., Garey, L., Langdon, K.J., Ditre, J.W., Rogers, A.H., Manning, K., & Zvolensky. (2019). Pain-related anxiety and smoking processes: The explanatory role of dysphoria. *Addictive Behaviors* (88), 15-22.
- VanFrank, B., Malarcher, A., Cornelius, M.E., Schecter, A., Jamal, A., & Tynan, M. (2024). Adult smoking cessation – united states, 2022, *Morbidity and Mortality Weekly Report*, 73(29).
- Woolf, C.J. (2011). Central sensitization: Implications for the diagnosis and treatment of pain. *Pain*, 152, s2-s15.
- Yang, S., Boudier-Reveret, M., Choo, Y.J., & Chang, M.C. (2020). Association between Chronic Pain and Alterations in the Mesolimbic Dopaminergic System. *Brain Sciences*, 10(701), 1-14.
- Zale E.L., Ditre, J.W., Dorfman, M.L., Heckman, B.W., & Brandon, T.H. (2014). Smokers in pain report lower confidence and greater difficulty quitting. *Nicotine & Tobacco Research*, 16(9), 1272-1276.
- Zale, E.L., Maisto, S.A., & Ditre, J.W. (2016). Anxiety and depression in bidirectional relations between pain and smoking: Implications for smoking cessation. *Behavioral Modification*, 40(1-2), 7-28.
- Zevin, S., & Benowitz, N.L. (1999). Drug interactions with tobacco smoking: An update. *Clinical Pharmacokinetics*, 36, 425-438.