

## Placebo and Nocebo Publications February 2025

1. Annfeldt, T. K., Ginnerup-Nielsen, E., Waehrens, E. E., Vase, L., Kristensen, L. E., & Jorgensen, T. S. (2025). Do cognitive bias and heuristics influence improvement in knee pain in patients with knee osteoarthritis treated with open label placebo? The CHIPS study - An exploratory study using questionnaire and group concept mapping. *Osteoarthr Cartil Open*, 7(1), 100574. doi:10.1016/j.ocarto.2025.100574  
<https://www.ncbi.nlm.nih.gov/pubmed/39975810>
2. Aronson, J. K. (2025). When I use a word . . . Lexicographic anniversaries in 2025: Placebo. *BMJ*, 388, r220. doi:10.1136/bmj.r220  
<https://www.ncbi.nlm.nih.gov/pubmed/39890156>
3. Cao, H., Zhang, Y., Bai, L., & Ma, X. (2025). Individual Differences in Placebo Analgesia: Functional Connectivity and Neural Mechanisms [Letter]. *J Pain Res*, 18, 645-646. doi:10.2147/JPR.S518324  
<https://www.ncbi.nlm.nih.gov/pubmed/39958579>
4. Emadi Andani, M., Braga, M., Da Dalt, F., Piedimonte, A., Carlino, E., & Fiorio, M. (2025). Premovement activity in the corticospinal tract is amplified by the placebo effect: an active inference account. *Soc Cogn Affect Neurosci*, 20(1). doi:10.1093/scan/nsaf014  
<https://www.ncbi.nlm.nih.gov/pubmed/39891393>
5. Flavio-Reis, V. H. P., Pessoa-Goncalves, Y. M., Diaz, C. A. V., Lamoglia, A. S. A., Desiderio, C. S., & Oliveira, C. J. F. (2025). Open label placebo for chronic low back pain: a systematic review and meta-analysis of randomized controlled trials. *Pain Manag*, 15(3), 149-160. doi:10.1080/17581869.2025.2467025  
<https://www.ncbi.nlm.nih.gov/pubmed/39962721>
6. Groschel, L. C., Brosig, F. T., Soesan, M., Vourtsis, K. T., van der Spek, M., Sluiter, E., & van Vliet, L. M. (2025). The effect of clinician-expressed empathy and nocebo-alleviating information on breast-cancer-patients' anxiety and side effects during active chemotherapy: A clinical feasibility study. *PEC Innov*, 6, 100373. doi:10.1016/j.pecinn.2025.100373  
<https://www.ncbi.nlm.nih.gov/pubmed/39906046>
7. Hohenschurz-Schmidt, D., Vase, L., & Draper-Rodi, J. (2025). From placebos and shams to high-quality control interventions in manual therapy trials to study efficacy and mechanisms. *J Man Manip Ther*, 1-2. doi:10.1080/10669817.2025.2471477  
<https://www.ncbi.nlm.nih.gov/pubmed/39986688>

8. Kalra, S., Verma, M., & Kapoor, N. (2025). The Sociocebo, Socioebo, Or Socebo Effect. *J Pak Med Assoc*, 75(2), 33-333. doi:10.47391/JPMA.25-11  
<https://www.ncbi.nlm.nih.gov/pubmed/39948802>
9. Livrizzi, G., Liao, J., Johnson, D. A., Lubejko, S. T., Chang-Weinberg, J., Dong, C., Tian, L. & Banghart, M. R. (2025). Top-down control of the descending pain modulatory system drives placebo analgesia. *bioRxiv*. doi:10.1101/2025.02.13.638185  
<https://www.ncbi.nlm.nih.gov/pubmed/39990412>
10. Lluch-Girbes, E., Duenas, L., Struyf, F., Camerone, E. M., & Rossetini, G. (2025). Negative expectations and related nocebo effects in shoulder pain: a perspective for clinicians and researchers. *Pain Manag*, 15(2), 93-104. doi:10.1080/17581869.2025.2467022  
<https://www.ncbi.nlm.nih.gov/pubmed/39973297>
11. Mamud-Meroni, L., Tarcaya, G. E., Carrasco-Uribarren, A., Rossetini, G., Flores-Cortes, M., & Ceballos-Laita, L. (2025). "The Dark Side of Musculoskeletal Care": Why Do Ineffective Techniques Seem to Work? A Comprehensive Review of Complementary and Alternative Therapies. *Biomedicines*, 13(2). doi:10.3390/biomedicines13020392  
<https://www.ncbi.nlm.nih.gov/pubmed/40002804>
12. Nunes, D. A. P., Furrer, D., Berger, S., Cecchi, G., Ferreira-Gomes, J., Neto, F., Martins de Matos, D., Apkarian, A. V. & Branco, P. (2025). Advancing the prediction and understanding of placebo responses in chronic back pain using large language models. *medRxiv*. doi:10.1101/2025.01.21.25320888  
<https://www.ncbi.nlm.nih.gov/pubmed/39974011>
13. Oberhofer, E. (2025). [„Ehrliches“ Placebo lindert Rückenschmerzen]. *MMW Fortschr Med*, 167(2), 18. doi:10.1007/s15006-025-4679-z  
<https://www.ncbi.nlm.nih.gov/pubmed/39915389>
14. Rhodes, S. (2025). Treatment effects, properly defined, are not due to placebo: response to Schmidt et al. *J Clin Epidemiol*, 111722. doi:10.1016/j.jclinepi.2025.111722  
<https://www.ncbi.nlm.nih.gov/pubmed/39952415>
15. Roganovic, J. (2025). Mitigating Placebo Effect in Human-AI Interaction: Expanding the Role(s) of the Right to Notice and Explanation. *Am J Bioeth*, 25(3), 148-150. doi:10.1080/15265161.2025.2457697  
<https://www.ncbi.nlm.nih.gov/pubmed/39992827>

16. Rogers, J. A., & Senn, S. (2025). Randomization and placebo effects in clinical trials of major depressive disorder. *Transl Psychiatry*, 15(1), 43.  
doi:10.1038/s41398-025-03263-0  
<https://www.ncbi.nlm.nih.gov/pubmed/39910057>
17. Schmidt, S., Loef, M., Ostermann, T., & Walach, H. (2025). "Treatment effects properly defined are not due to placebo: response to Schmidt et al": author's reply. *J Clin Epidemiol*, 111721. doi:10.1016/j.jclinepi.2025.111721  
<https://www.ncbi.nlm.nih.gov/pubmed/39955078>
18. Singh, M. K. (2025). Editorial: Placebo Response in Child and Adolescent Psychiatry: To Mitigate or to Harness? *J Am Acad Child Adolesc Psychiatry*. doi:10.1016/j.jaac.2025.01.024  
<https://www.ncbi.nlm.nih.gov/pubmed/39894209>
19. Somogyi, A., Uca, M., Bulgay, C., Acheampong, E. Y., de la Vega, R., Ruiz-Barquin, R., & Szabo, A. (2025). Positive and Negative Expectations Associated with Coffee and Energy Drinks: Implications for Placebo-Nocebo Research in Sports. *Nutrients*, 17(4). doi:10.3390/nu17040628  
<https://www.ncbi.nlm.nih.gov/pubmed/40004957>
20. Stein, M. V., Heller, M., Hughes, N., Marr, D., Brake, B., Chapman, S., James Rubin, G. & Terhune, D. B. (2025). Moderators of nocebo effects in controlled experiments: A multi-level meta-analysis. *Neurosci Biobehav Rev*, 172, 106042. doi:10.1016/j.neubiorev.2025.106042  
<https://www.ncbi.nlm.nih.gov/pubmed/39914701>
21. van Griethuysen, S. R. G., Dumoulin, Q. A., van Mulligen, E., & van der Helm-van Mil, A. H. M. (2025). Can treatment expectations or treatment itself in patients with arthralgia suspicious for progression to rheumatoid arthritis improve illness perceptions? *Rheumatology*. doi:10.1093/rheumatology/keaf095  
<https://www.ncbi.nlm.nih.gov/pubmed/39945847>
22. Verdes, A., Bhattachan, S., Kolevzon, A., King, B. H., McDougale, C. J., Sanders, K. B., Kim, S. J., Spanos, M., Chandrasekhar, T., Rockhill, C., Palumbo, M., Minjarez, M., Nowinski, L., Marler, S., Siecinski, S., Giamberardino, S., Gregory, S. G., Veenstra-VanderWeele, J., Sikich, L. & Jutla, A. (2025). Predictors of Placebo Response in the Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors. *J Child Adolesc Psychopharmacol*. doi:10.1089/cap.2024.0131  
<https://www.ncbi.nlm.nih.gov/pubmed/39970017>

23. Wang, Y., Aaron, R., Attal, N., & Colloca, L. (2025). An update on non-pharmacological interventions for pain relief. *Cell Rep Med*, 6(2), 101940. doi:10.1016/j.xcrm.2025.101940  
<https://www.ncbi.nlm.nih.gov/pubmed/39970872>
24. Wang, Z., Chen, Y., Li, X., Lin, L., Chen, B., Chen, M., & Zheng, H. (2025). Placebo response variability on health-related quality of life outcomes in irritable bowel syndrome: an arm-based network meta-analysis. *Qual Life Res*. doi:10.1007/s11136-025-03927-w  
<https://www.ncbi.nlm.nih.gov/pubmed/39998756>
25. Yang, X., Yang, R., Xu, Y., & Zang, S. (2024). Development and validation of the treatment expectation scale for patients with liver cancer. *Arch Med Sci*, 20(6), 1831-1840. doi:10.5114/aoms/186875  
<https://www.ncbi.nlm.nih.gov/pubmed/39967946>