

# Stand van zaken rond comorbiditeit middelgebruiksstoornissen en eetstoornissen

Anne Peelman, Inge Debruyckere, Eva Debusscher & Gunter Heylens

- [1] Bahji A, Mazhar MN, Hudson CC, Nadkarni P, MacNeil BA, Hawken E. Prevalence of substance use disorder comorbidity among individuals with eating disorders: A systematic review and meta-analysis. *Psychiatry Res.* maart 2019;273:58-66.
- [2] Devoe DJ, Dimitropoulos G, Anderson A, Bahji A, Flanagan J, Soumbasis A, e.a. The prevalence of substance use disorders and substance use in anorexia nervosa: a systematic review and meta-analysis. *J Eat Disord.* 11 december 2021;9(1):161.
- [3] Bogusz K, Kopera M, Jakubczyk A, Trucco EM, Kucharska K, Walenda A, e.a. Prevalence of alcohol use disorder among individuals who binge eat: a systematic review and meta-analysis. *Addict Abingdon Engl.* januari 2021;116(1):18-31.
- [4] Gearhardt AN, Corbin WR, Brownell KD. Development of the Yale Food Addiction Scale Version 2.0. *Psychol Addict Behav.* 2016;30:113-21. Yale Food Addiction Scale – Food and Addiction Science & Treatment Lab [Internet]. [geciteerd 19 februari 2024]. Beschikbaar op: <https://sites.lsa.umich.edu/fastlab/yale-food-addiction-scale/>
- [5] Munguia L, Camacho-Barcia L, Gaspar-Perez A, Granero R, Galiana C, Jimenez-Murcia S, e.a. Food addiction in Bulimia Nervosa: Analysis of body composition, psychological and problematic foods profile. *Front Psychiatry.* 2022;13:1032150.
- [6] Takgbajouah M, Buscemi J. Applying the developmental model of use disorders to hedonic hunger: a narrative review. *J Addict Dis.* 2022;40(1):47-55.
- [7] Wiss D, Brewerton T. Separating the Signal from the Noise: How Psychiatric Diagnoses Can Help Discern Food Addiction from Dietary Restraint. *Nutrients.* 25 september 2020;12(10):2937.
- [8] Mellentin AI, Skot L, Guala MM, Stoving RK, Ascone L, Stenager E, e.a. Does receiving an eating disorder diagnosis increase the risk of a subsequent alcohol use disorder? A Danish nationwide register-based cohort study. *Addict Abingdon Engl.* Februari 2022;117(2):354-67.
- [9] Skot L, Mejdal A, Guala MM, Stoving RK, Ascone L, Stenager E, e.a. Eating disorders and subsequent risk of substance use disorders involving illicit drugs: a Danish nationwide register-based cohort study. *Soc Psychiatry Psychiatr Epidemiol.* April 2022;57(4):695-708.
- [10] Mutiso VN, Ndeti DM, N Muia E, K Alietsi R, Onsinyo L, Kameti F, e.a. The prevalence of binge eating disorder and associated psychiatric and substance use disorders in a student population in Kenya - towards a public health approach. *BMC Psychiatry.* 16 februari 2022;22(1):122.
- [11] Qeadan F, English K, Luke A, Egbert J. Eating disorders and substance use: Examining associations among US college students. *Int J Eat Disord* [Internet]. 26 december 2022 [geciteerd 29 maart 2023];n/a(n/a). Beschikbaar op: <https://onlinelibrary.wiley.com/doi/abs/10.1002/eat.23892>

- [12] Udo T, Grilo CM. Psychiatric and medical correlates of DSM-5 eating disorders in a nationally representative sample of adults in the United States. *Int J Eat Disord*. 2019;52(1):42-50.
- [13] Conway KP, Swendsen J, Husky MM, He JP, Merikangas KR. Association of Lifetime Mental Disorders and Subsequent Alcohol and Illicit Drug Use: Results From the National Comorbidity Survey-Adolescent Supplement. *J Am Acad Child Adolesc Psychiatry*. 1 april 2016;55(4):280-8.
- [14] Galmiche M, Godefroy C, Achamrah N, Grigioni S, Colange G, Folope V, e.a. Mental health and health behaviours among patients with eating disorders: a case-control study in France. *J Eat Disord*. 10 november 2022;10:160.
- [15] Qian J, Wu Y, Liu F, Zhu Y, Jin H, Zhang H, e.a. An update on the prevalence of eating disorders in the general population: a systematic review and meta-analysis. *Eat Weight Disord - Stud Anorex Bulim Obes*. 1 maart 2022;27(2):415-28.
- [16] Munn-Chernoff MA, Few LR, Matherne CE, Baker JH, Men VY, McCutcheon VV, e.a. Eating disorders in a community-based sample of women with alcohol use disorder and nicotine dependence. *Drug Alcohol Depend*. 1 juli 2020;212:107981.
- [17] Canan F, Karaca S, Sogucak S, Gecici O, Kuloglu M. Eating disorders and food addiction in men with heroin use disorder: a controlled study. *Eat Weight Disord EWD*. juni 2017;22(2):249-57.
- [18] Koob GF, Volkow ND. Neurobiology of addiction: a neurocircuitry analysis. *Lancet Psychiatry*. augustus 2016;3(8):760-73.
- [19] Koob GF, Volkow ND. Neurocircuitry of Addiction. *Neuropsychopharmacology*. januari 2010;35(1):217-38.
- [20] Leenaerts N, Jongen D, Ceccarini J, Van Oudenhove L, Vrieze E. The neurobiological reward system and binge eating: A critical systematic review of neuroimaging studies. *Int J Eat Disord*. 2022;55(11):1421-58.
- [21] Lindgren E, Gray K, Miller G, Tyler R, Wiers CE, Volkow ND, e.a. Food addiction: A common neurobiological mechanism with drug abuse. *Front Biosci Landmark Ed*. 1 januari 2018;23(5):811-36.
- [22] Serafine KM, O' Dell LE, Zorrilla EP. Converging vulnerability factors for compulsive food and drug use. *Neuropharmacology*. 15 september 2021;196:108556.
- [23] Blanco-Gandia MC, Montagud-Romero S, Rodriguez-Arias M. Binge eating and psychostimulant addiction. *World J Psychiatry*. 19 september 2021;11(9):517-29.
- [24] Lord MN, Subramanian K, Kanoski SE, Noble EE. Melanin-concentrating hormone and food intake control: sites of action, peptide interactions, and appetite. *Peptides*. maart 2021;137:170476.
- [25] Prida E, Fernandez-Gonzalez S, Pena-Leon V, Perez-Lois R, Ferno J, Seoane LM, e.a. Crosstalk between Melanin Concentrating Hormone and Endocrine Factors: Implications for Obesity. *Int J Mol Sci*. 23 februari 2022;23(5):2436.

- [26] Blanco-Gandia MC, Minarro J, Rodriguez-Arias M. Common Neural Mechanisms of Palatable Food Intake and Drug Abuse: Knowledge Obtained with Animal Models. *Curr Pharm Des.* 2020;26(20):2372-84.
- [27] Ruiz-Leyva L, Vazquez-Agredos A, Jimenez-Garcia AM, Lopez-Guarnido O, Pla A, Pautassi RM, e.a. From binge eating to binge drinking: A new and robust paradigm for assessing binge ethanol self-administration in male rats. *Addict Biol.* Maart 2022;27(2):e13153.
- [28] Carr KD. Food scarcity, neuroadaptations, and the pathogenic potential of dieting in an unnatural ecology: binge eating and drug abuse. *Physiol Behav.* 25 juli 2011;104(1):162-7.
- [29] Laque A, Wagner GE, Matzeu A, De Ness GL, Kerr TM, Carroll AM, e.a. Linking drug and food addiction via compulsive appetite. *Br J Pharmacol.* juni 2022;179(11):2589-609.
- [30] Leyva LR, Salguero A, Virgolini MB, Romero VL, Marengo L, Fabio MC, e.a. Binge eating promotes ethanol self-administration in female rats with a history of intermittent ethanol exposure at adolescence. *Drug Alcohol Depend.* 1 februari 2023;243:109737.
- [31] Munn-Chernoff MA, Baker JH. A Primer on the Genetics of Comorbid Eating Disorders and Substance Use Disorders. *Eur Eat Disord Rev J Eat Disord Assoc.* maart 2016;24(2):91-100.
- [32] Munn-Chernoff MA, Johnson EC, Chou YL, Coleman JRI, Thornton LM, Walters RK, e.a. Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. *Addict Biol.* Januari 2021;26(1):e12880.
- [33] Baker JH, Johnson NK, Munn-Chernoff MA, Lichtenstein P, Larsson H, Maes HH, e.a. Illicit Drug Use, Cigarette Smoking, and Eating Disorder Symptoms: Associations in an Adolescent Twin Sample. *J Stud Alcohol Drugs.* september 2018;79(5):720-4.
- [34] Baker JH, Munn-Chernoff MA, Lichtenstein P, Larsson H, Maes H, Kendler KS. Shared familial risk between bulimic symptoms and alcohol involvement during adolescence. *J Abnorm Psychol.* juli 2017;126(5):506-18.
- [35] Botticelli L, Micioni Di Bonaventura E, Del Bello F, Giorgioni G, Piergentili A, Romano A, e.a. Underlying Susceptibility to Eating Disorders and Drug Abuse: Genetic and Pharmacological Aspects of Dopamine D4 Receptors. *Nutrients.* 30 juli 2020;12(8):2288.
- [36] Steiger H, Thaler L, Gauvin L, Joober R, Labbe A, Israel M, e.a. Epistatic interactions involving DRD2, DRD4, and COMT polymorphisms and risk of substance abuse in women with binge-purge eating disturbances. *J Psychiatr Res.* juni 2016;77:8-14.
- [37] Constant A, Moirand R, Thibault R, Val-Laillet D. Meeting of Minds around Food Addiction: Insights from Addiction Medicine, Nutrition, Psychology, and Neurosciences. *Nutrients.* 20 november 2020;12(11):3564.
- [38] Dir AL, Karyadi K, Cyders MA. The uniqueness of negative urgency as a common risk factor for self-harm behaviors, alcohol consumption, and eating problems. *Addict Behav.* 1 mei 2013;38(5):2158-62.
- [39] Mattingley S, Youssef GJ, Manning V, Graeme L, Hall K. Distress tolerance across substance use, eating, and borderline personality disorders: A meta-analysis. *J Affect Disord.* 1 maart 2022;300:492-504.

- [40] Garke M, Sorman K, Jayaram-Lindstrom N, Hellner C, Birgegard A. Symptom shifting and associations with mental illness: A transdiagnostic approach applied to eating disorders. *J Abnorm Psychol.* 2019;128:585-95.
- [41] Keski-Rahkonen A. Epidemiology of binge eating disorder: prevalence, course, comorbidity, and risk factors. *Curr Opin Psychiatry.* 1 november 2021;34(6):525-31.
- [42] Brewerton TD, Brady K. The Role of Stress, Trauma, and PTSD in the Etiology and Treatment of Eating Disorders, Addictions, and Substance Use Disorders. In: Brewerton TD, Baker Dennis A, redacteuren. *Eating Disorders, Addictions and Substance Use Disorders: Research, Clinical and Treatment Perspectives* [Internet]. Berlin, Heidelberg: Springer; 2014 [geciteerd 21 juli 2023]. p. 379-404. Beschikbaar op: [https://doi.org/10.1007/978-3-642-45378-6\\_17](https://doi.org/10.1007/978-3-642-45378-6_17)
- [43] Azevedo LDS, de Souza APL, Ferreira IMS, Lima DW da C, Pessa RP. Binge eating and alcohol consumption: an integrative review. *Eat Weight Disord EWD.* april 2021;26(3):759-69.
- [44] Eskander N, Chakrapani S, Ghani MR. The Risk of Substance Use Among Adolescents and Adults With Eating Disorders. *Cureus.* 2020;12(9):e10309.
- [45] Robinson LD, Kelly PJ, Deane FP, Reis SL. Exploring the Relationships Between Eating Disorders and Mental Health in Women Attending Residential Substance Use Treatment. *J Dual Diagn.* 2019;15(4):270-80.
- [46] Mellentin AI, Nielsen DG, Skot L, Stoving RK, Guala MM, Nielsen AS, e.a. Risk of somatic diseases in patients with eating disorders: the role of comorbid substance use disorders. *Epidemiol Psychiatr Sci.* 17 oktober 2022;31:e73.
- [47] Michael ML, Juarascio A. Differences in eating disorder symptoms and affect regulation for residential eating disorder patients with problematic substance use. *Eat Weight Disord EWD.* december 2020;25(6):1805-11.
- [48] Kirkpatrick R, Booij L, Vance A, Marshall B, Kanellos-Sutton M, Marchand P, e.a. Eating disorders and substance use in adolescents: How substance users differ from nonsubstance users in an outpatient eating disorders treatment clinic. *Int J Eat Disord.* februari 2019;52(2):175-82.