



Office for Health Improvement and Disparities

Welcome to the latest issue of the weekly Obesity Knowledge Update from the Office for Health Improvement and Disparities (OHID). This bulletin highlights new research relating to obesity and its determinants.

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UK and Ireland

No papers identified in this week's search.

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International

[Longitudinal associations of childhood fitness and obesity profiles with midlife cognitive function: an Australian cohort study.](#) Tait JL, Collyer TA, Gall SL, Magnussen CG, Venn AJ, Dwyer T, Fraser BJ, Moran C, Srikanth VK, Callisaya ML. *J Sci Med Sport*. 2022 May 24:S1440-2440(22)00150-5. doi: 10.1016/j.jsams.2022.05.009.

[Protocol for a randomised controlled trial of a family strengthening program to prevent unhealthy weight gain among 5 to 11-year-old children from at-risk families: the Strong Families Trial.](#) Brooks C, Helson C, McCormack M, Baur LA, Gill T, Green J, Billah B, Cronin P, Johar A, Plaskett J, Nolan M, Latanik M, Renzaho AMN. *BMC Public Health*. 2022 Jun 18;22(1):1215. doi: 10.1186/s12889-022-13452-x.

[Sex differences in central insulin action: Effect of intranasal insulin on neural food cue reactivity in adults with normal weight and overweight.](#) Wagner L, Veit R, Fritsche L, Häring HU, Fritsche A, Birkenfeld AL, Heni M, Preissl H, Kullmann S. *Int J Obes (Lond)*. 2022 Jun 17. doi: 10.1038/s41366-022-01167-3.

[Guided Self-Help for Pediatric Obesity in Primary Care: A Randomized Clinical Trial.](#) Rhee KE, Herrera L, Strong D, Kang-Sim E, Shi Y, Boutelle KN. *Pediatrics*. 2022 Jun 17:e2021055366. doi: 10.1542/peds.2021-055366.

[Technical report: an online international weight control registry to inform precision approaches to healthy weight management.](#) Roberts SB, Das SK, Sayer RD, Caldwell AE, Wyatt HR, Mehta TS, Gorczyca AM, Oslund JL, Peters JC, Friedman JE, Chiu CY, Greenway FL, Donnelly JE, Dao MC, Cuevas AG, Affuso O, Wilkinson LL, Thomas D, Al-Ozairi E, Yannakoulia M, Khazrai YM, Manalac RJ, Bachiashvili V, Hill JO. *Int J Obes (Lond)*. 2022 Jun 16. doi: 10.1038/s41366-022-01158-4.

The psychometric properties of the grazing questionnaire in an obesity sample with and without binge eating disorder. Spirou D, Raman J, Leith M, Collison J, Bishay RH, Ahlenstiel G, Hay P, Smith E. *J Eat Disord.* 2022 Jun 16;10(1):82. doi: 10.1186/s40337-022-00604-y.

Short-Term Efficacy of a Childhood Obesity Prevention Program Designed to Pair Feeding Content with Nutrition Education. Hughes SO, Power TG, Baker SS, Barale KV, Aragon MC, Lanigan JD, Parker L, Silva Garcia K, Auld G, Johnston CA, Micheli N. *Child Obes.* 2022 Jun 16. doi: 10.1089/chi.2022.0030.

Resource mobilization combined with motivational interviewing to promote healthy behaviors and healthy weight in low-income families: An intervention feasibility study. Laroche HH, Park-Mroch J, O'Shea A, Rice S, Cintron Y, Engebretsen B. *SAGE Open Med.* 2022 Jun 11;10:20503121221102706. doi: 10.1177/20503121221102706.

French youth trends in prevalence of overweight, obesity and underweight from 2008 to 2018. Vanhelst J, Baudalet JB, Thivel D, Ovigneur H, Deschamps T. *BMC Res Notes.* 2022 Jun 15;15(1):208. doi: 10.1186/s13104-022-06091-3.

Body mass index and occupational accidents among health care workers in a large university hospital. Fraeyman N, De Bacquer D, Fiers T, Godderis L, Verhaeghe R, Eeckloo K, Gemmel P, Viaene L, Mortier E. *Acta Clin Belg.* 2022 Jun 15:1-7. doi: 10.1080/17843286.2022.2084936.

Changes in perceived parental self-efficacy after a Child-Centred Health Dialogue about preventing obesity. Derwig M, Tiberg I, Björk J, Kristensson Hallström I. *Acta Paediatr.* 2022 Jun 15. doi: 10.1111/apa.16453.

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An Open Trial Examining Dialectical Behavior Therapy Skills and Behavioral Weight Loss for Adults With Emotional Eating and Overweight/Obesity. Braden A, Redondo R, Ferrell E, Anderson L, Weinandy JG, Watford T, Barnhart WR. *Behav Ther.* 2022 Jul;53(4):614-627. doi: 10.1016/j.beth.2022.01.008.

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Cognitive and implicit biases in nurses' judgment and decision-making: A scoping review. Thirsk LM, Panchuk JT, Stahlke S, Hagtvedt R. *Int J Nurs Stud.* 2022 May 24;133:104284. doi: 10.1016/j.ijnurstu.2022.104284.

Does the Effect of a 3-Year Lifestyle Intervention on Body Weight and Cardiometabolic Health Differ by Prediabetes Metabolic Phenotype? A Post Hoc Analysis of the PREVIEW Study. Zhu R, Jalo E, Silvestre MP, Poppitt SD, Handjjeva-Darlenska T, Handjiev S, Huttunen-Lenz M, Mackintosh K, Stratton G, Navas-Carretero S, Pietiläinen KH, Simpson E, Macdonald IA, Muirhead R, Brand-Miller J, Fogelholm M, Færch K, Martinez JA, Westerterp-Plantenga MS, Adam TC, Raben A. *Diabetes Care*. 2022 Jun 13;dc220549. doi: 10.2337/dc22-0549.

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International: Research related to COVID-19

Risk Factors for COVID-19 Hospitalization in School-Age Children. O'Neill L, Chumbler NR. *Health Serv Res Manag Epidemiol*. 2022 Jun 9;9:23333928221104677. doi: 10.1177/23333928221104677.

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Systematic reviews

A systematic review of the nutritional status of adults experiencing homelessness. Huang C, Foster H, Paudyal V, Ward M, Lowrie R. *Public Health*. 2022 Jun 15;208:59-67. doi: 10.1016/j.puhe.2022.04.013.

Influence and effects of weight stigmatisation in media: A systematic. Kite J, Huang BH, Laird Y, Grunseit A, McGill B, Williams K, Bellew B, Thomas M. *EClinicalMedicine*. 2022 May 20;48:101464. doi: 10.1016/j.eclinm.2022.101464.

Relationship of cash transfers with risk of overweight and obesity in children and adults: a systematic review. Semba RD, Manley J, Rosman L, Rahman N, Bloem MW. *BMC Public Health*. 2022 Jun 15;22(1):1190. doi: 10.1186/s12889-022-13533-x.

Food Insecurity and Childhood Obesity: A Systematic Review. St Pierre C, Ver Ploeg M, Dietz WH, Pryor S, Jakazi CS, Layman E, Noymer D, Coughtrey-Davenport T, Sacheck JM. *Pediatrics*. 2022 Jun 13:e2021055571. doi: 10.1542/peds.2021-055571.

A systematic review examining socioeconomic factors in trials of interventions for men that report weight as an outcome. McDonald MD, Hunt K, Sivaramakrishnan H, Moullin J, Avenell A, Kerr DA, Birch JM, Ntoumanis N, Quested E. *Obes Rev*. 2022 Jul;23(7):e13436. doi: 10.1111/obr.13436.

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