



# 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

**A randomised controlled trial of the 5:2 diet.** Hajek P, Przulj D, Pesola F, McRobbie H, Peerbux S, Phillips-Waller A, Bisal N, Myers Smith K. PLoS One. 2021 Nov 17;16(11):e0258853. doi: 10.1371/journal.pone.0258853.

**Restricting the advertising of high fat, salt and sugar foods on the Transport for London estate: Process and implementation study.** Meiksin R, Er V, Thompson C, Adams J, Boyland E, Burgoine T, Cornelsen L, de Vocht F, Egan M, Lake AA, Lock K, Mytton O, White M, Yau A, Cummins S. Soc Sci Med. 2021 Nov 10:114548. doi: 10.1016/j.socscimed.2021.114548.

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**Exercise in Obesity-the Role of Technology in Health Services: Can This Approach Work?** Dobbie LJ, Tahrani A, Alam U, James J, Wilding J, Cuthbertson DJ. Curr Obes Rep. 2021 Nov 17:1-14. doi: 10.1007/s13679-021-00461-x.

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## International

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**Neonatal Anthropometrics and Obesity Treatment Response in Children and Adolescents.** Lausten-Thomsen U, Lund MAV, Stinson SE, Frithioff-Bøjsøe C, Holm LA, Baker JL, Fonvig CE, Christiansen M, Ängquist L, Hansen T, Holm JC. J Pediatr. 2021 Nov 10:S0022-3476(21)01079-9. doi: 10.1016/j.jpeds.2021.11.014.

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**Obesity and the risk of developing chronic diseases in middle-aged and older adults: Findings from an Australian longitudinal population survey, 2009-2017.** Keramat SA, Alam K, Rana RH, Chowdhury R, Farjana F, Hashmi R, Gow J, Biddle SJH. PLoS One. 2021 Nov 16;16(11):e0260158. doi: 10.1371/journal.pone.0260158.

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#### **International: Research related to COVID-19**

**A Qualitative Examination of COVID-19's Impacts on Physical Activity and Perceptions of Remote Delivery Interventions.** Brannon GE, Mitchell S, Ray MA, Bhai S, Beg MS, Basen-Engquist KM, Liao Y. Am J Health Promot. 2021 Nov 17:8901171211053845. doi: 10.1177/08901171211053845.

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## **Systematic reviews**

**Effectiveness of Information and Communication Technology on Obesity in Childhood and Adolescence: Systematic Review and Meta-analysis.** Park J, Park MJ, Seo YG. J Med Internet Res. 2021 Nov 17;23(11):e29003. doi: 10.2196/29003.

**Digital Interventions on Healthy Lifestyle Management: Systematic Review.** Chatterjee A, Prinz A, Gerdes M, Martinez S. J Med Internet Res. 2021 Nov 17;23(11):e26931. doi: 10.2196/26931.

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**Efficacy of Interventions That Incorporate Mobile Apps in Facilitating Weight Loss and Health Behavior Change in the Asian Population: Systematic Review and Meta-analysis.** Ang SM, Chen J, Liew JH, Johal J, Dan YY, Allman-Farinelli M, Lim SL. J Med Internet Res. 2021 Nov 16;23(11):e28185. doi: 10.2196/28185.

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