



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.

OHID is not responsible for the content of articles published by external organisations.

If you do not wish to receive further Obesity Knowledge Updates, please [click here to unsubscribe](#). You will continue to receive other Obesity Intelligence emails (notification of new resources etc.).

- [UK and Ireland - 3](#)
- [International - 22](#)
- [Systematic reviews - 1](#)

UK and Ireland

["You Are Always at War With Yourself" The Perceptions and Beliefs of People With Obesity Regarding Obesity as a Disease.](#) Grannell A, le Roux CW, McGillicuddy D. Qual Health Res. 2021 Sep 28;10497323211040767. doi: 10.1177/10497323211040767.

['Joining the Dots': Individual, Sociocultural and Environmental Links between Alcohol Consumption, Dietary Intake and Body Weight-A Narrative Review.](#) Fong M, Scott S, Albani V, Adamson A, Kaner E. Nutrients. 2021 Aug 24;13(9):2927. doi: 10.3390/nu13092927.

["The balloon was just the kick start, I had to do the rest myself": Adolescents living with severe obesity experiences of an intra-gastric balloon alongside a lifestyle support programme.](#) Reece LJ, Bissell P, Sachdev P, Wright N, Mirshahi S, Copeland RJ. BMC Pediatr. 2021 Oct 1;21(1):431. doi: 10.1186/s12887-021-02902-x.

[\[back to top\]](#)

International

["Front-of-pack" nutrition labeling.](#) Sinu Scientific Board, Sinu Scientific Committee. Nutr Metab Cardiovasc Dis. 2021 Aug 4;S0939-4753(21)00342-2. doi: 10.1016/j.numecd.2021.07.021.

[Sexual Orientation and Obesity: What Do We Know?](#) VanKim NA, Laska MN. Curr Obes Rep. 2021 Sep 30. doi: 10.1007/s13679-021-00454-w.

[A Pilot Randomized Controlled Trial of a Partial Meal Replacement Preconception Weight Loss Program for Women with Overweight and Obesity.](#) Muirhead R, Kizirian N, Lal R, Black K, Prys-Davies A, Nassar N, Baur L, Sainsbury A, Sweeting A, Markovic T, Skilton M, Hyett J, de Vries B, Tarnow-Mordi W, Brand-Miller J, Gordon A. Nutrients. 2021 Sep 15;13(9):3200. doi: 10.3390/nu13093200.

What is a "high" prevalence of obesity? Two rapid reviews and a proposed set of thresholds for classifying prevalence levels. Lobstein T, Jewell J. *Obes Rev*. 2021 Sep 28:e13363. doi: 10.1111/obr.13363.

Sex/Gender Differences in Obesity Prevalence, Comorbidities, and Treatment. Cooper AJ, Gupta SR, Moustafa AF, Chao AM. *Curr Obes Rep*. 2021 Oct 2. doi: 10.1007/s13679-021-00453-x.

Genetic risk for obesity and the effectiveness of the ChooseWell 365 workplace intervention to prevent weight gain and improve dietary choices. Dashti HS, Levy DE, Hivert MF, Alimenti K, McCurley JL, Saxena R, Thorndike AN. *Am J Clin Nutr*. 2021 Sep 28:nqab303. doi: 10.1093/ajcn/nqab303.

Parent Involvement in Diet or Physical Activity Interventions to Treat or Prevent Childhood Obesity: An Umbrella Review. Tomayko EJ, Tovar A, Fitzgerald N, Howe CL, Hingle MD, Murphy MP, Muzaffar H, Going SB, Hubbs-Tait L. *Nutrients*. 2021 Sep 16;13(9):3227. doi: 10.3390/nu13093227.

Introducing an Integrated Model of Adults' Wearable Activity Tracker Use and Obesity Information-Seeking Behaviors From a National Quota Sample Survey. Kim B, Hong S, Kim S. *JMIR Form Res*. 2021 Sep 29;5(9):e23237. doi: 10.2196/23237.

Implementation of a Scalable Family-Based Behavioral Treatment for Childhood Obesity Delivered through Primary Care Clinics: Description of the Missouri Childhood Obesity Research Demonstration Study Protocol. Wilfley DE, Fowler LA, Hampl SE, Dreyer Gillette ML, Staiano AE, Graham AK, Grammer AC, Nelson L, Carlson JA, Brown DS, Gabbert S, Springstroh K, Thomas F, Ramel M, Welch R, Johnson W; MO-CORD Study Group. *Child Obes*. 2021 Sep;17(S1):S39-S47. doi: 10.1089/chi.2021.0175.

The Importance of Parents for Childhood and Adolescent Obesity Prevention: Should We Pay More Attention to Automatic Processes and Parental Stress? Larsen JK. *Nutrients*. 2021 Sep 13;13(9):3185. doi: 10.3390/nu13093185.

Mobile Health and Telehealth Interventions to Increase Physical Activity in Adolescents with Obesity: a Promising Approach to Engaging a Hard-to-Reach Population. Vajravelu ME, Arslanian S. *Curr Obes Rep*. 2021 Oct 1:1-9. doi: 10.1007/s13679-021-00456-8.

Efficacy of a school-based physical activity and nutrition intervention on child weight status: Findings from a cluster randomized controlled trial. Barnes C, Hall A, Nathan N, Sutherland R, McCarthy N, Pettet M, Brown A, Wolfenden L. *Prev Med*. 2021 Sep 29;153:106822. doi: 10.1016/j.ypmed.2021.106822.

Translating Family-Based Behavioral Treatment for Childhood Obesity into a User-Friendly Digital Package for Delivery to Low-Income Families through Primary Care Partnerships: The MO-CORD Study. Fowler LA, Hampl SE, Dreyer Gillette ML, Staiano AE, Kracht CL, Graham AK, Gabbert S, Springstroh K, Thomas F, Nelson L, Hampp AE, Carlson JA, Welch R, Wilfley DE; MO-CORD Study Group. *Child Obes*. 2021 Sep;17(S1):S30-S38. doi: 10.1089/chi.2021.0174.

Vigorous physical activity is important in maintaining a favourable health trajectory in active children: the CHAMPS Study-DK. Sénéchal M, Hebert JJ, Fairchild TJ, Møller NC, Klakk H, Wedderkopp N. *Sci Rep*. 2021 Sep 28;11(1):19211. doi: 10.1038/s41598-021-98731-0.

Introducing the Front-Of-Pack Acceptance Model: the role of usefulness and ease of use in European consumers' acceptance of Front-Of-Pack Labels. Mazzù MF, Romani S, Baccelloni A, Lavini L. *Int J Food Sci Nutr*. 2021 Sep 28:1-18. doi: 10.1080/09637486.2021.1980866.

"Fitness and Fatness" in Children and Adolescents: An Italian Cross-Sectional Study. Vandoni M, Calcaterra V, Carnevale Pellino V, De Silvestri A, Marin L, Zuccotti GV, Tranfaglia V, Giuriato M, Codella R, Lovecchio N. *Children (Basel)*. 2021 Aug 31;8(9):762. doi: 10.3390/children8090762.

Children Learn, Children Do! Results of the "Planning Health in School", a Behavioural Change Programme. Vieira M, Carvalho GS. *Int J Environ Res Public Health*. 2021 Sep 19;18(18):9872. doi: 10.3390/ijerph18189872.

Study protocol for Healthy Conversations @ Playgroup: a multi-site cluster randomized controlled trial of an intervention to promote healthy lifestyle behaviours in young children attending community playgroups. Trost SG, Byrne R, Williams KE, Johnson BJ, Bird A, Simon K, Chai LK, Terranova CO, Christian HE, Golley RK. *BMC Public Health*. 2021 Sep 26;21(1):1757. doi: 10.1186/s12889-021-11789-3.

A Digital Patient-Provider Communication Intervention (InvolveMe): Qualitative Study on the Implementation Preparation Based on Identified Facilitators and Barriers. Seljelid B, Varsi C, Solberg Nes L, Øystese KA, Børøsdund E. *J Med Internet Res*. 2021 Apr 8;23(4):e22399. doi: 10.2196/22399.

Nutrition Meets Social Marketing: Targeting Health Promotion Campaigns to Young Adults Using the Living and Eating for Health Segments. Dix CF, Brennan L, Reid M, McCaffrey TA, Molenaar A, Barklamb A, Chin S, Truby H. *Nutrients*. 2021 Sep 10;13(9):3151. doi: 10.3390/nu13093151.

The effect of an obesity prevention program on children's eating behaviors, food addiction, physical activity, and obesity status. Demir D, Bektas M. *J Pediatr Nurs*. 2021 Sep 23;61:355-363. doi: 10.1016/j.pedn.2021.09.001.

[\[back to top\]](#)

International: Research related to COVID-19

Childhood obesity on the rise during COVID-19: A request for global leaders to change the trajectory. Hauerslev M, Narang T, Gray N, Samuels TA, Bhutta ZA. *Obesity (Silver Spring)*. 2021 Sep 27. doi: 10.1002/oby.23307.

[\[back to top\]](#)

Systematic reviews

Is a small change approach for weight management effective? A systematic review and meta-analysis of randomized controlled trials. Graham HE, Madigan CD, Daley AJ. *Obes Rev*. 2021 Sep 28:e13357. doi: 10.1111/obr.13357.

[\[back to top\]](#)